

Program EVALPLOT  
(Version 2021-1)

by

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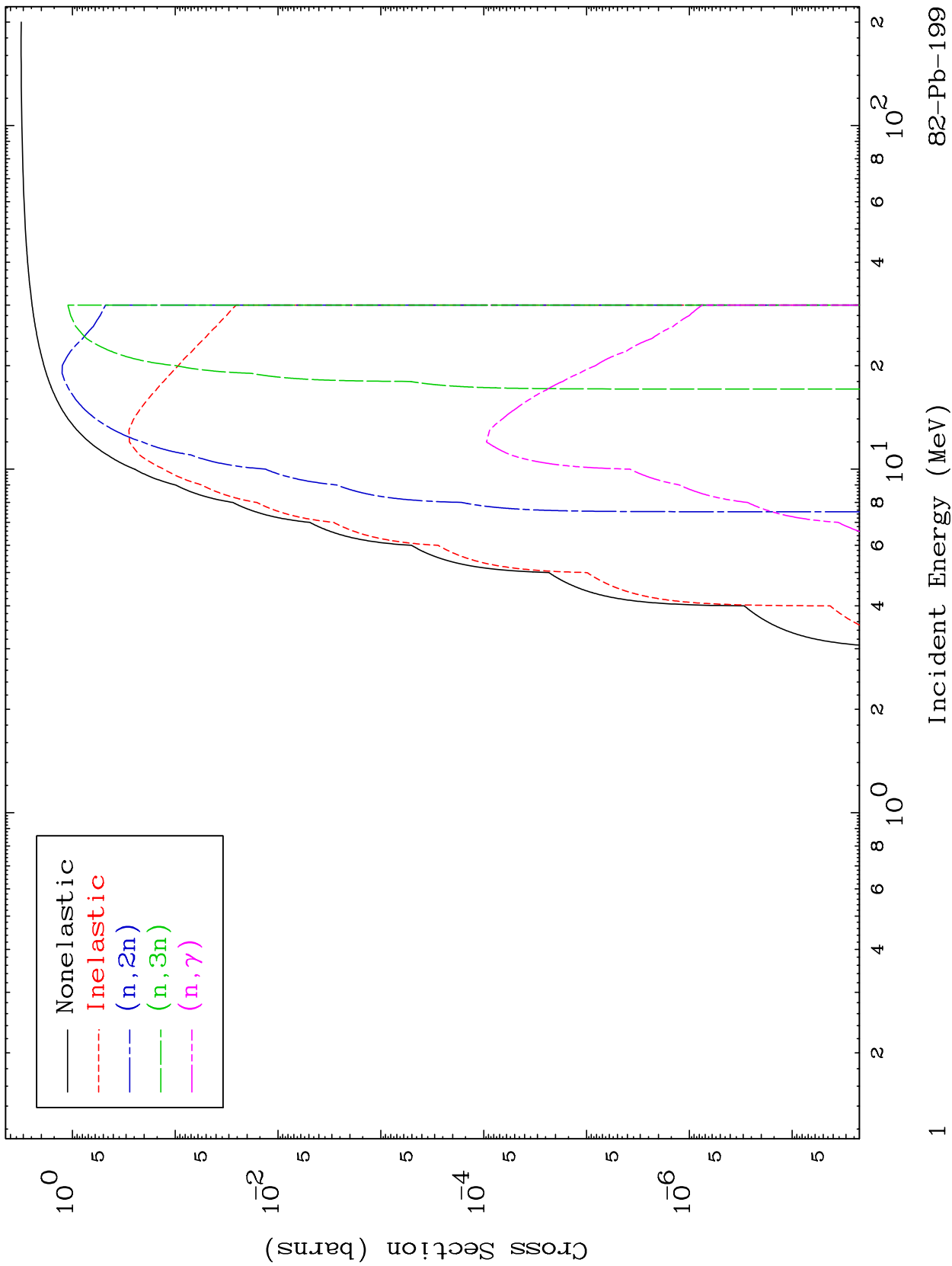
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8210

Deuteron Major  
0 Kelvin Cross Sections

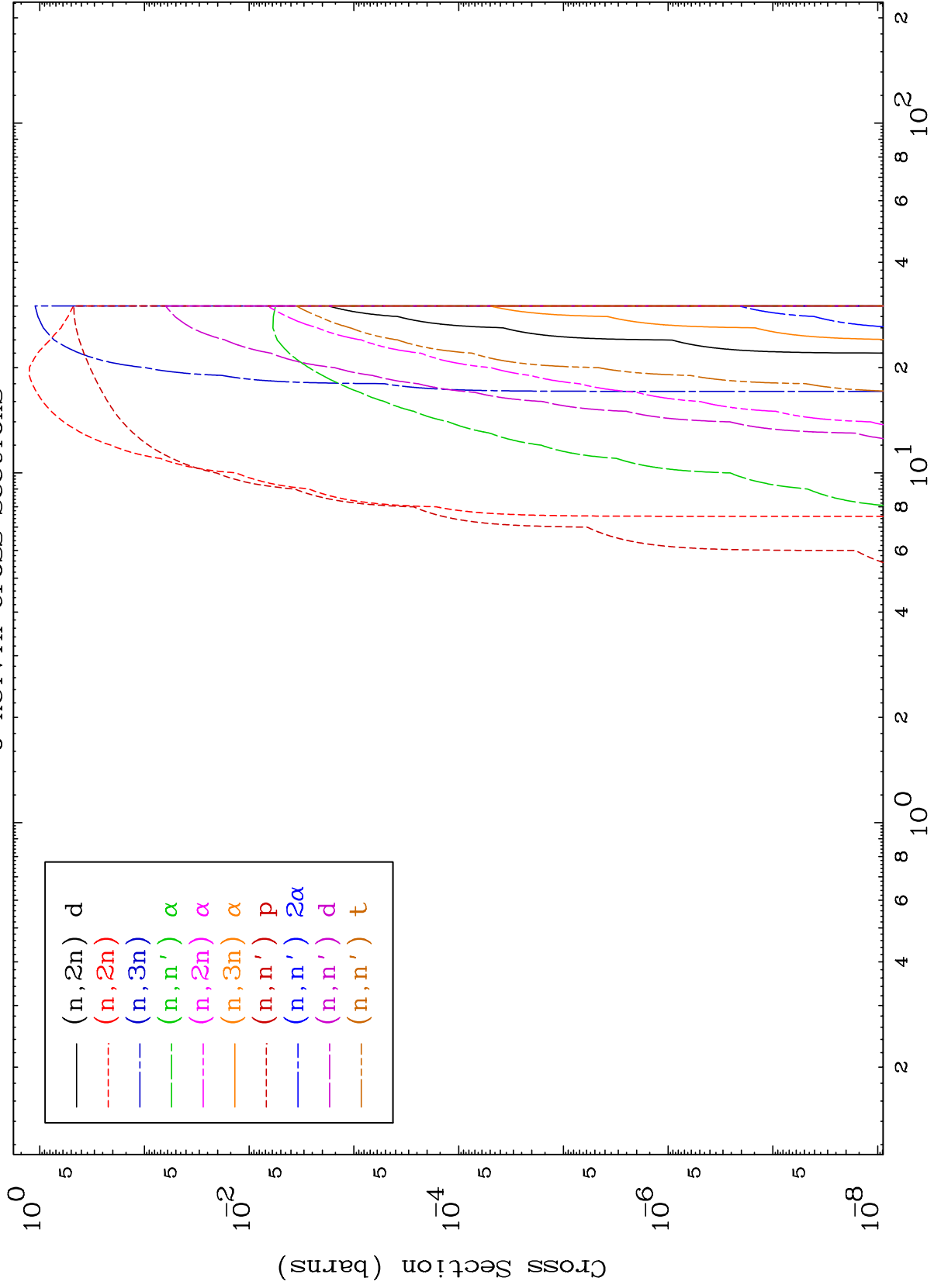
82-Pb-199

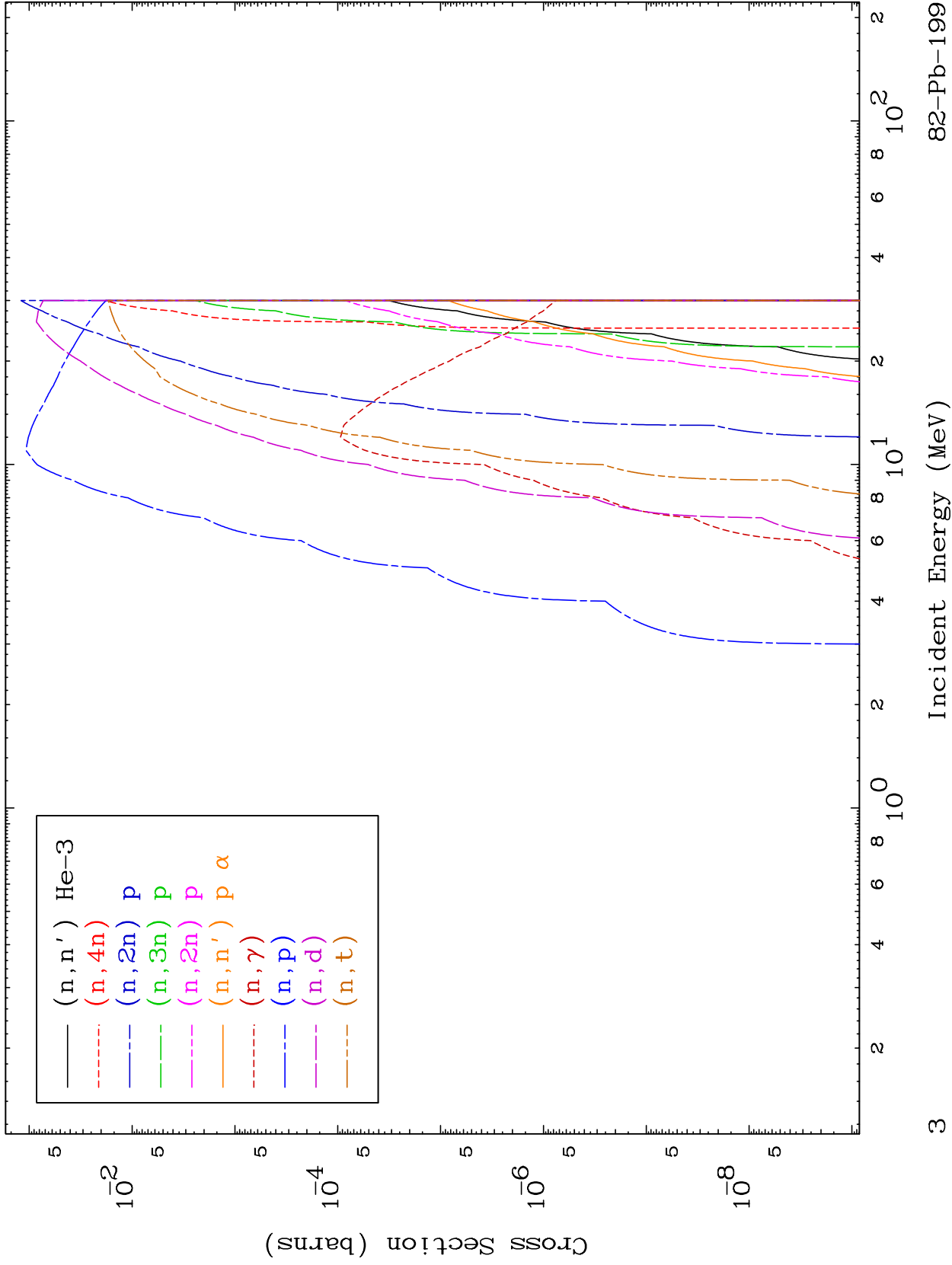


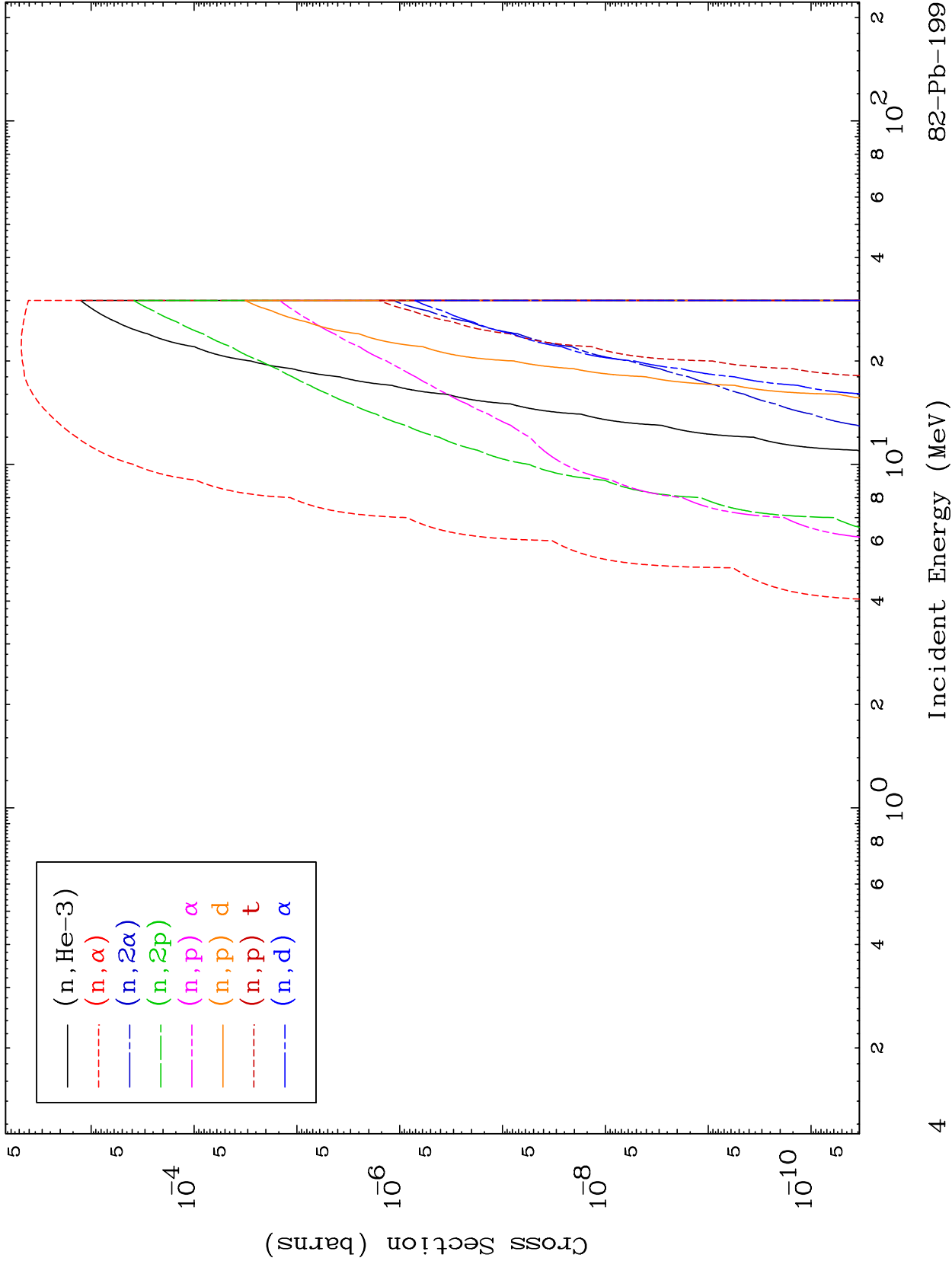
MAT 8210

Deuteron Neutron Absorption  
0 Kelvin Cross Sections

82-Pb-199



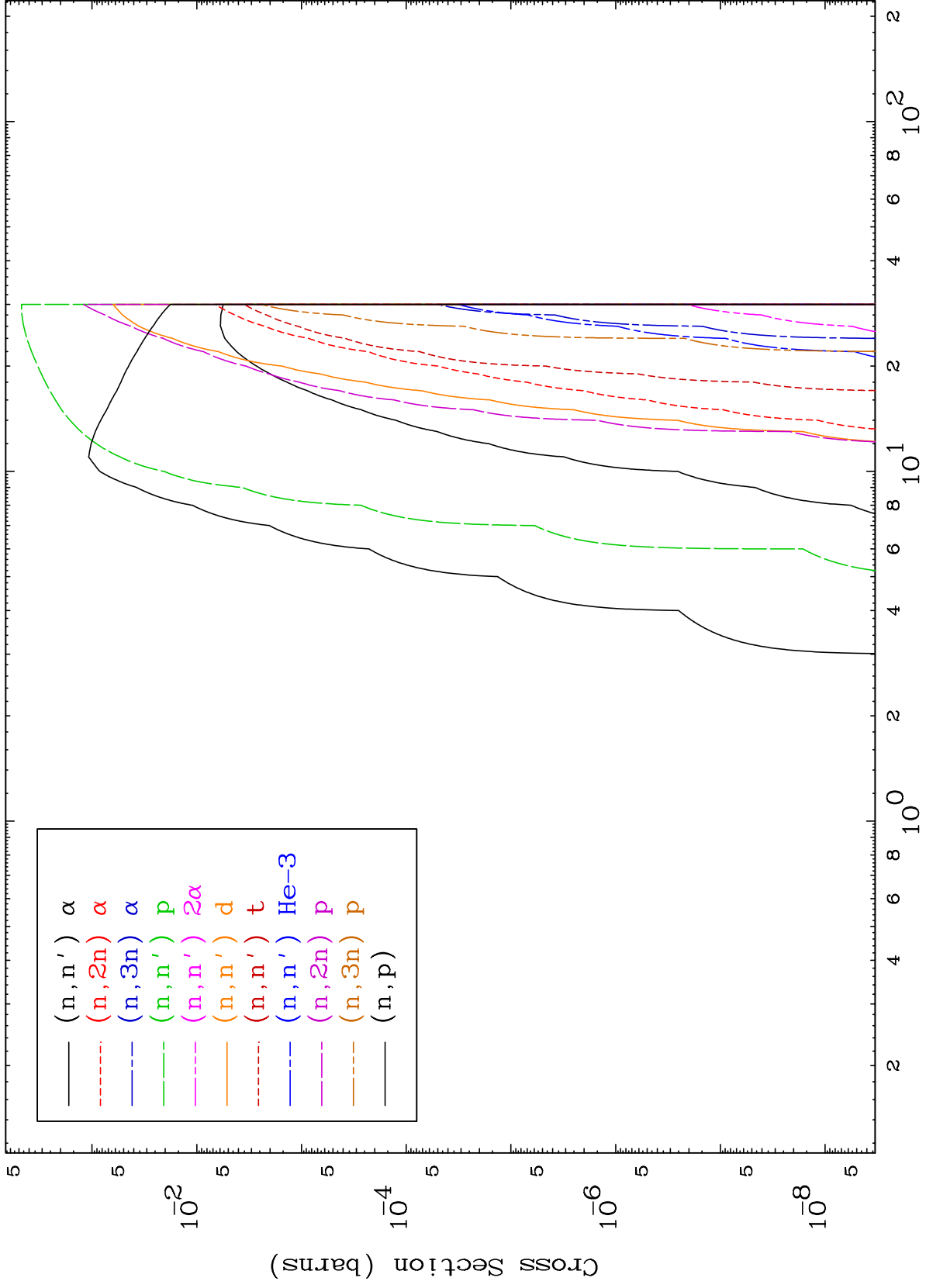




MAT 8210

Deuteron Charged Particle  
0 Kelvin Cross Sections

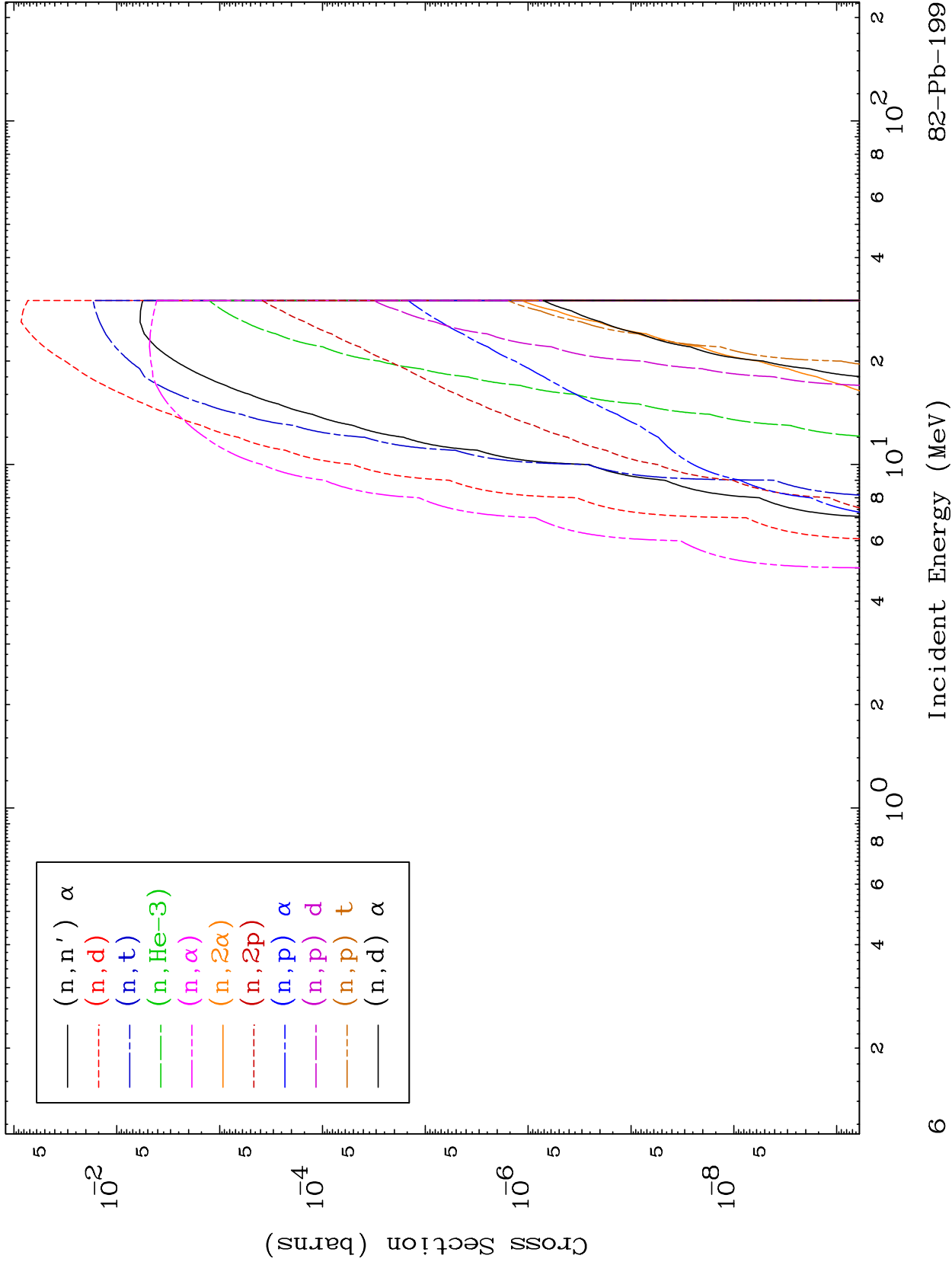
82-Pb-199



5

Incident Energy (MeV)

82-Pb-199

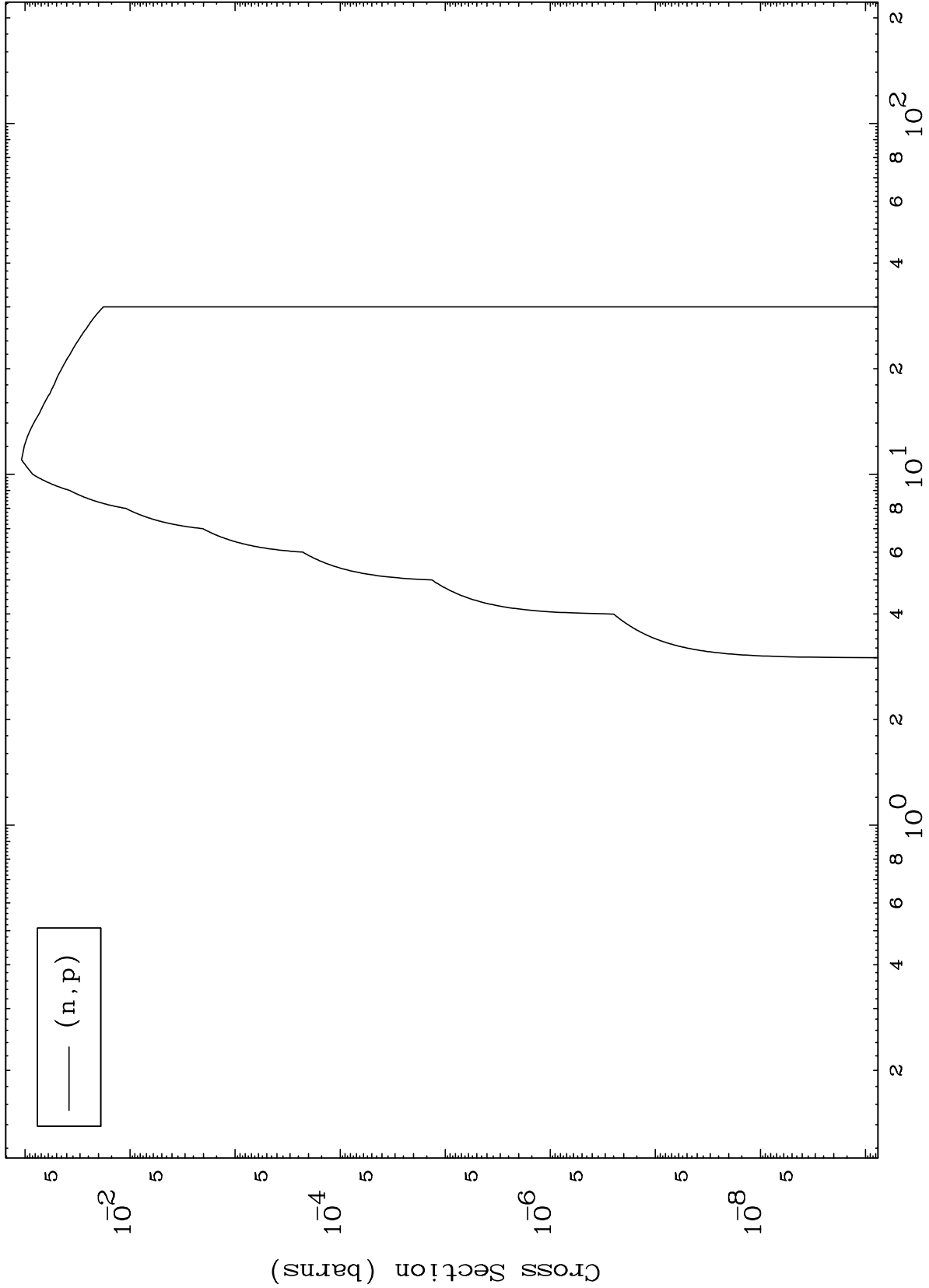


MAT 8210

(d,p) Levels

82-Pb-199

0 Kelvin Cross Sections

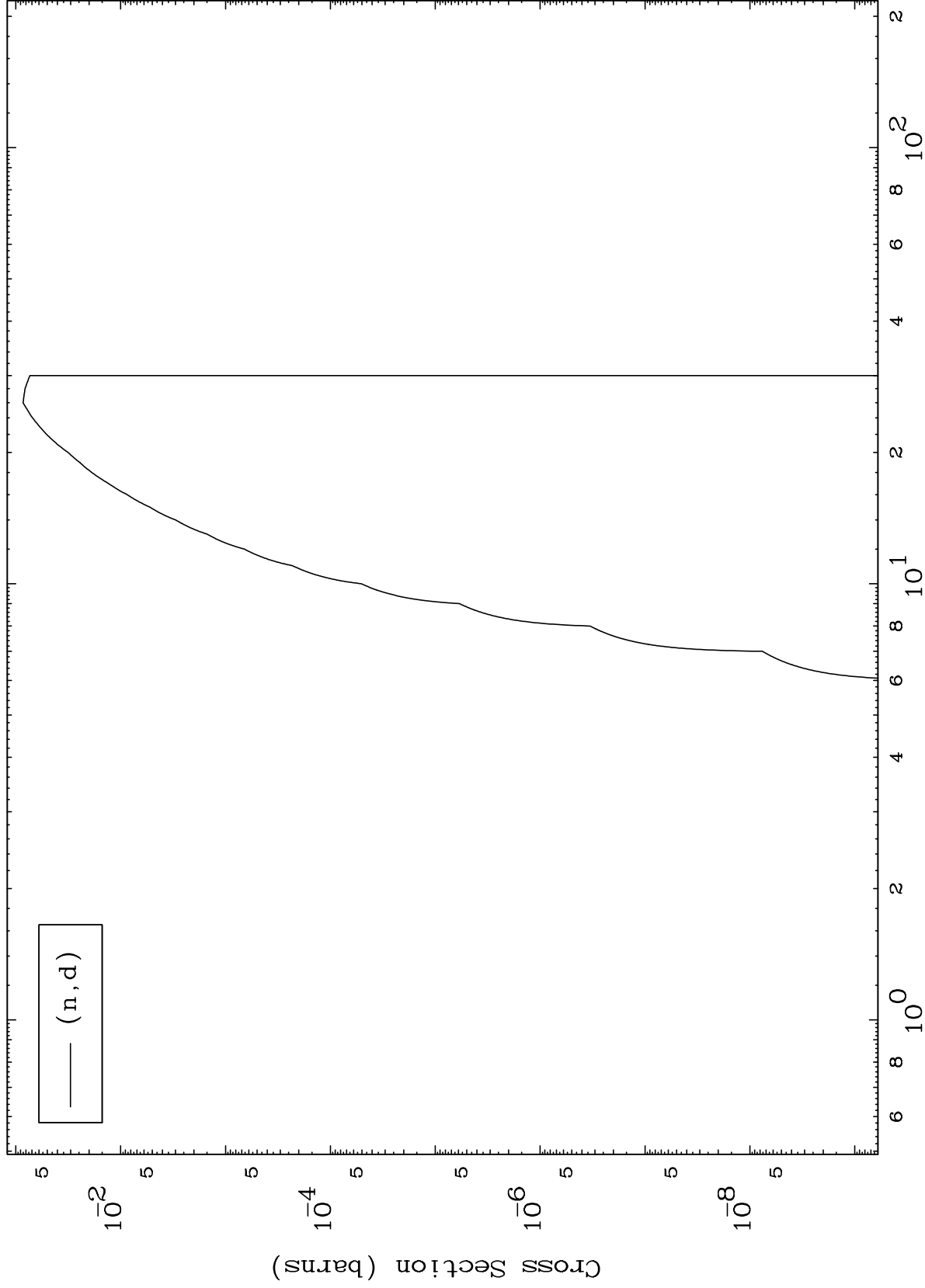


MAT 8210

(d,d) Levels

82-Pb-199

0 Kelvin Cross Sections



8

Incident Energy (MeV)

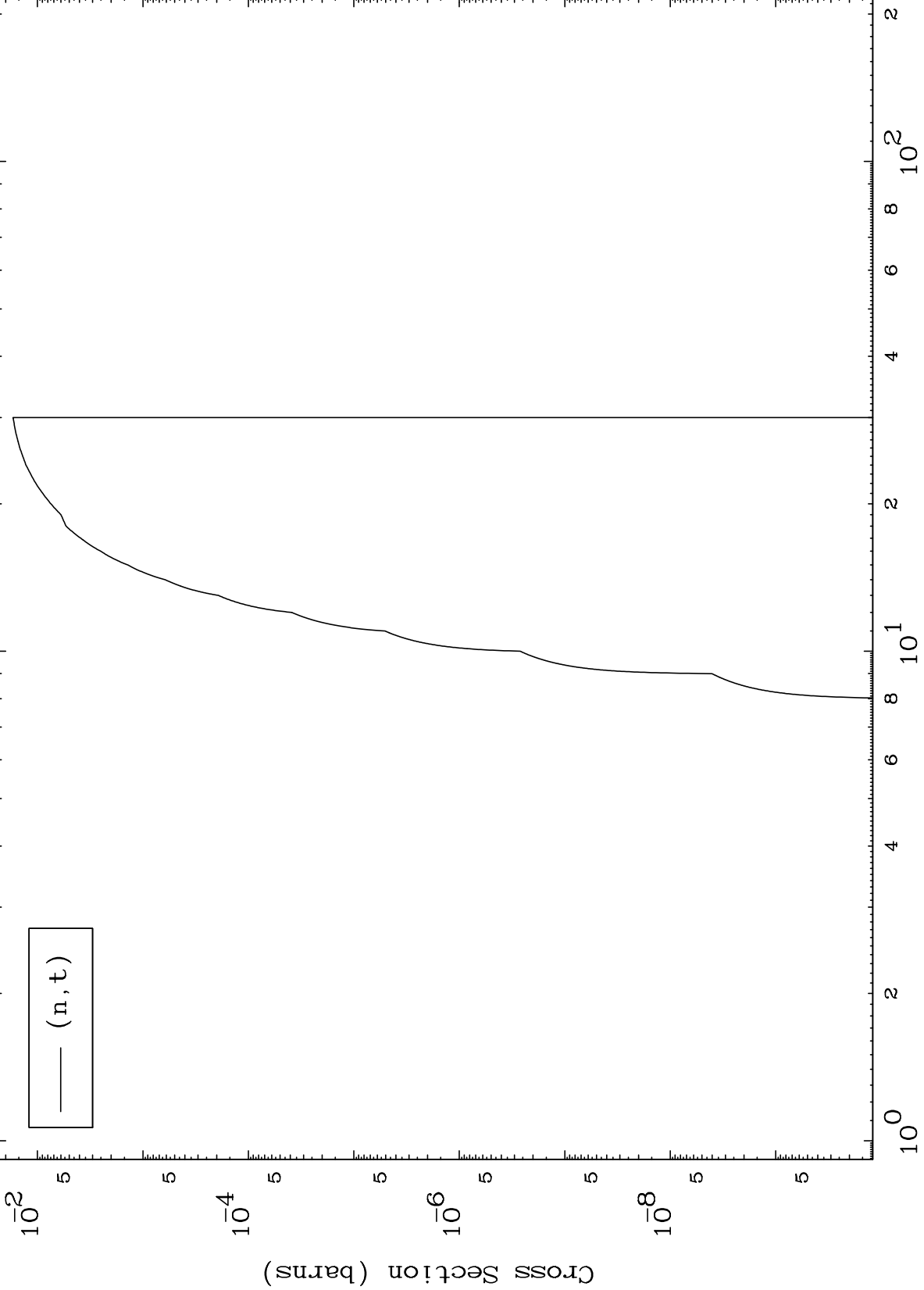
82-Pb-199

MAT 8210

(d,t) Levels

82-Pb-199

0 Kelvin Cross Sections



Incident Energy (MeV)

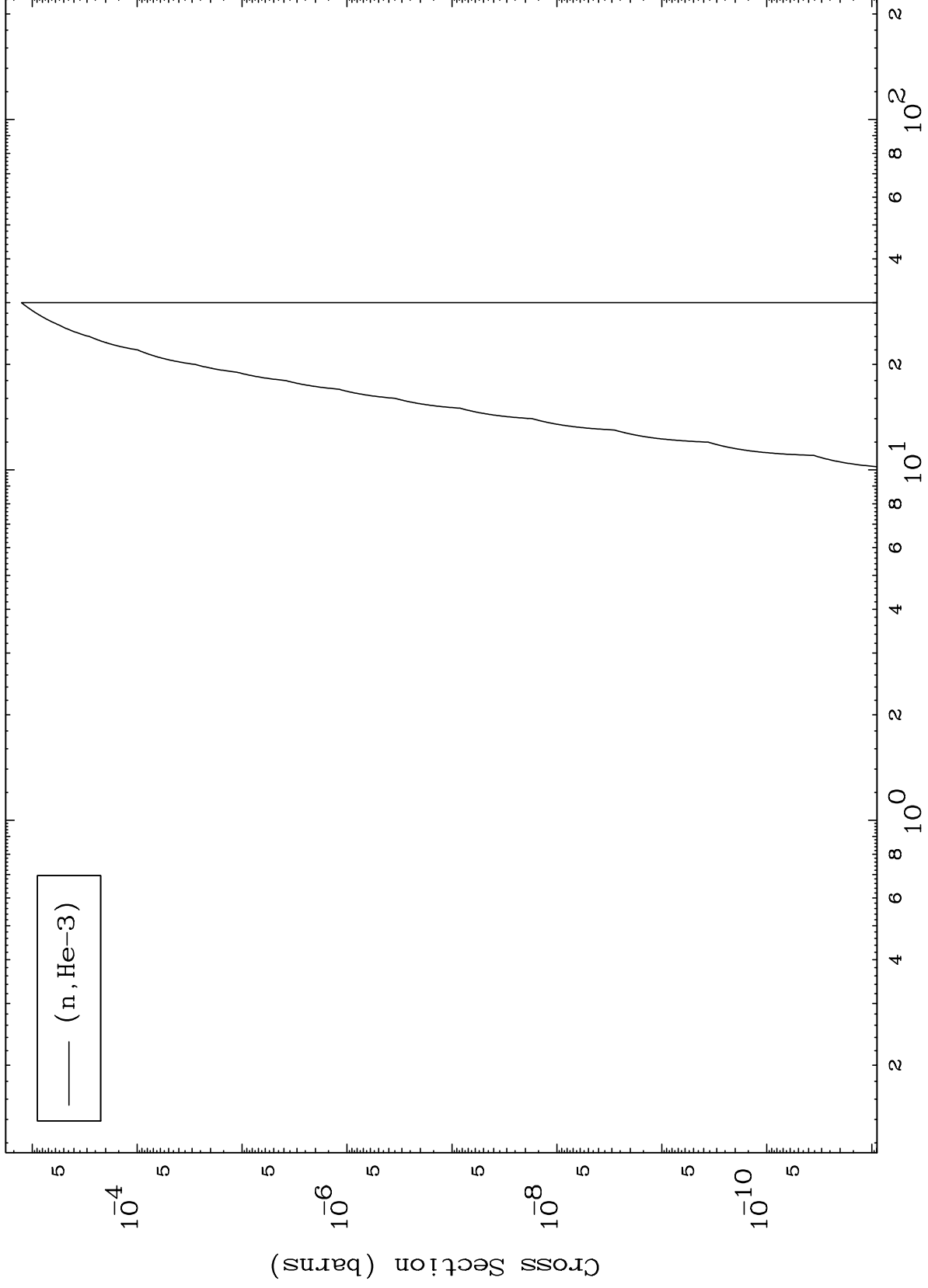
82-Pb-199

MAT 8210

(d,He3) Levels

82-Pb-199

0 Kelvin Cross Sections



10

Incident Energy (MeV)

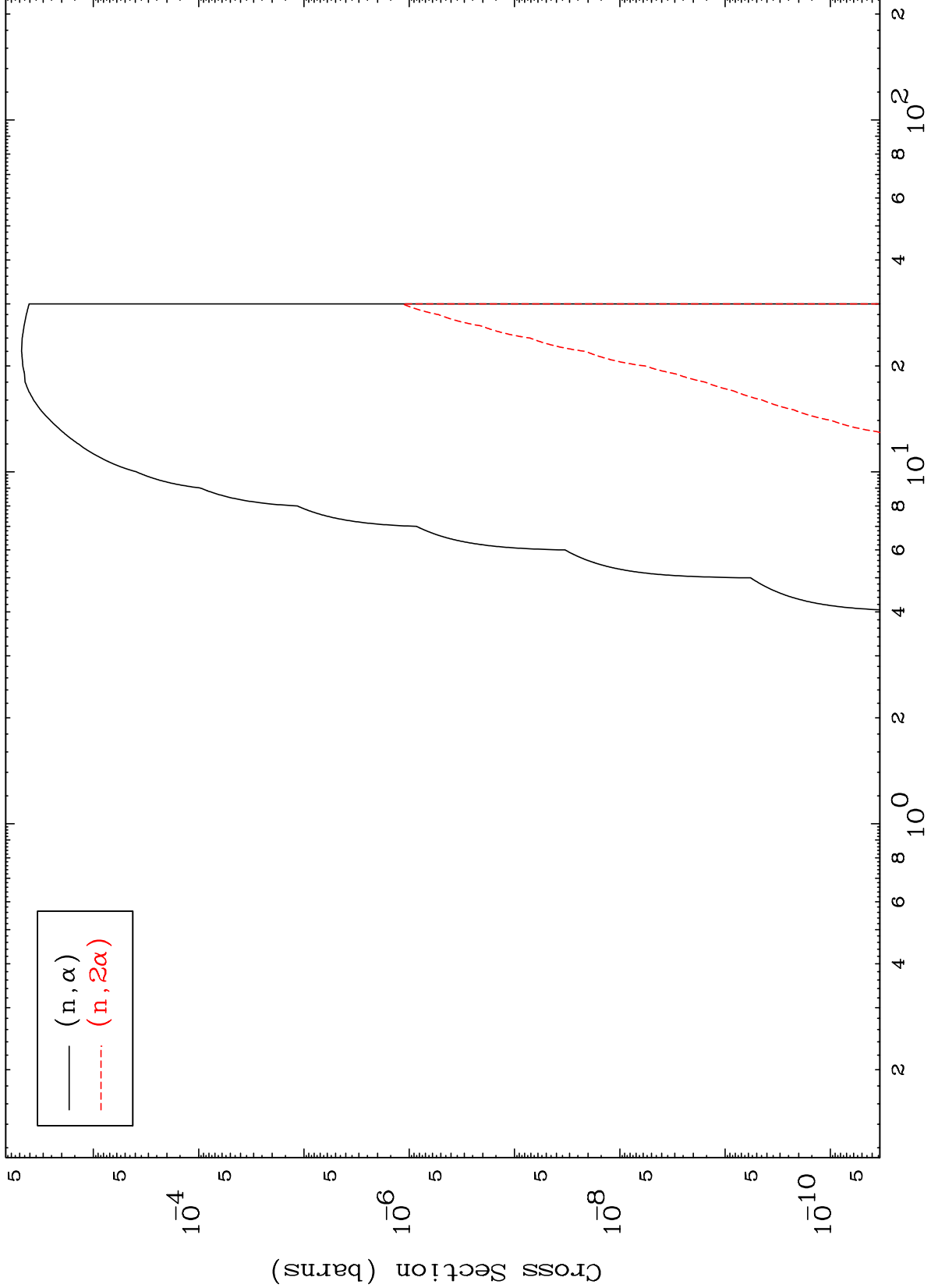
82-Pb-199

MAT 8210

(d,  $\alpha$ ) Levels

82-Pb-199

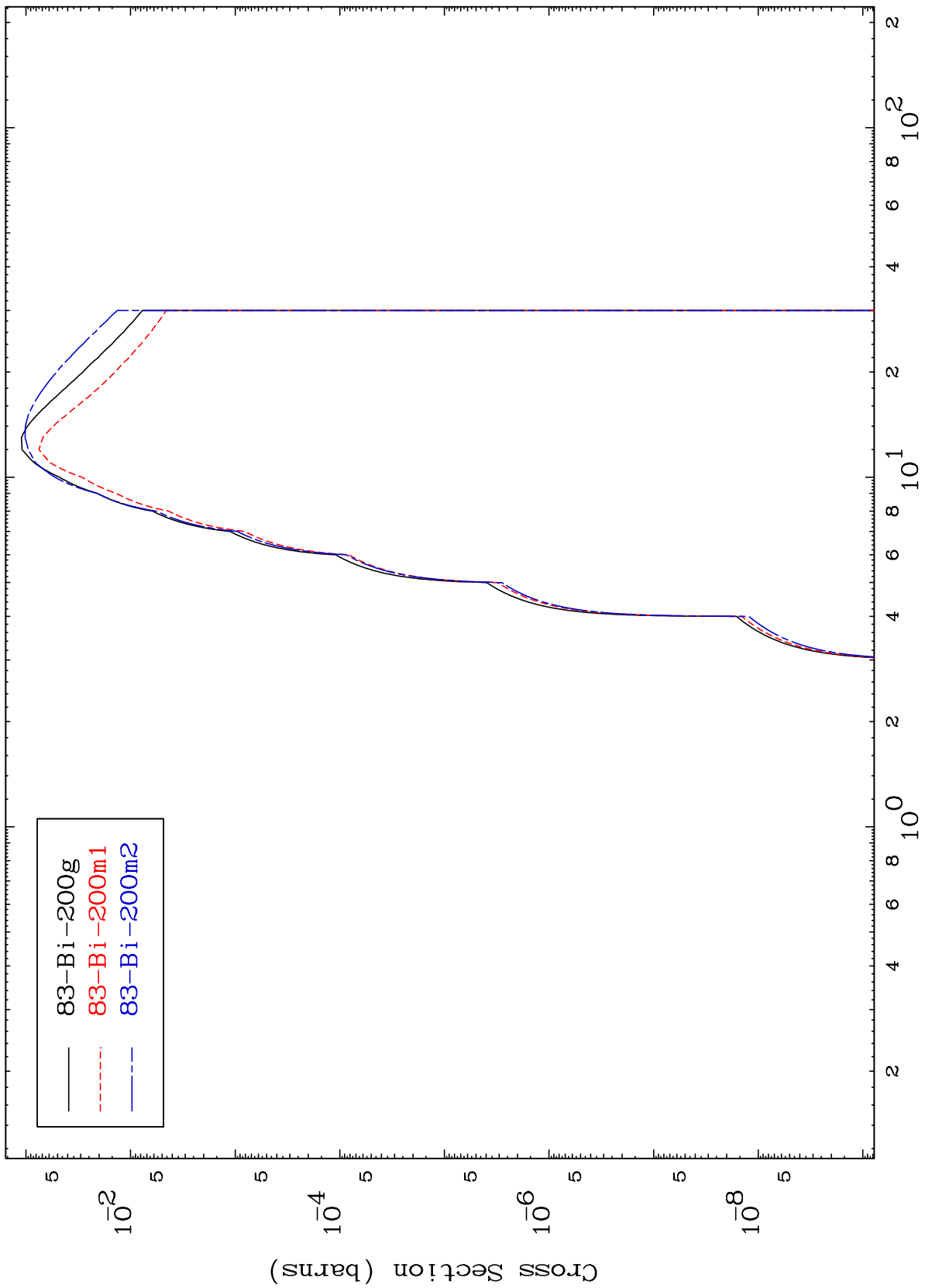
0 Kelvin Cross Sections



MAT 8210

82-Pb-199

Radionuclide Production Cross Section



83-Bi-200g  
83-Bi-200m1  
83-Bi-200m2

82-Pb-199

Incident Energy (MeV)

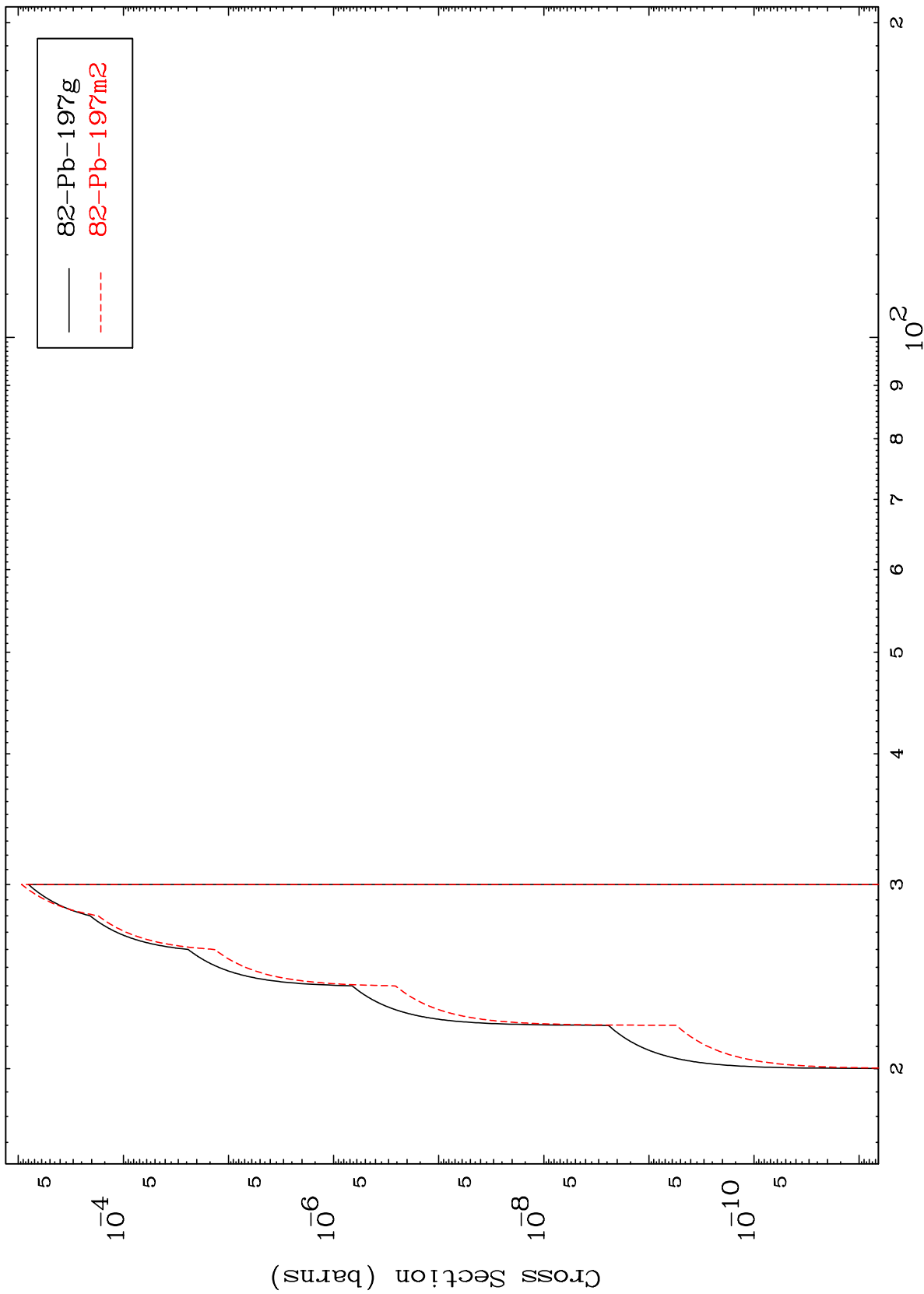
12

MAT 8210

(n,2n) d

82-Pb-199

Radionuclide Production Cross Section



13

Incident Energy (MeV)

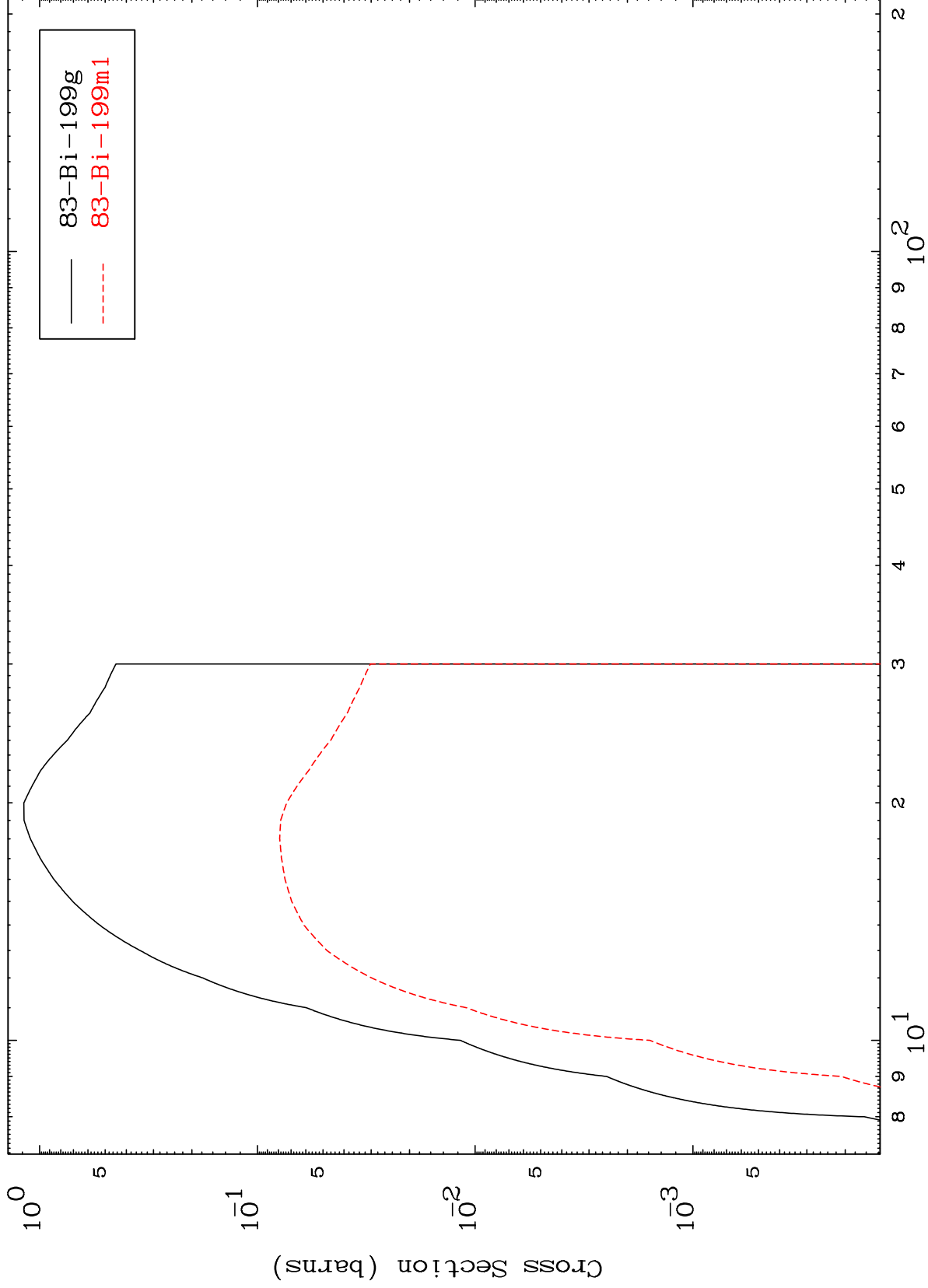
82-Pb-199

MAT 8210

(n,2n)

82-Pb-199

Radionuclide Production Cross Section

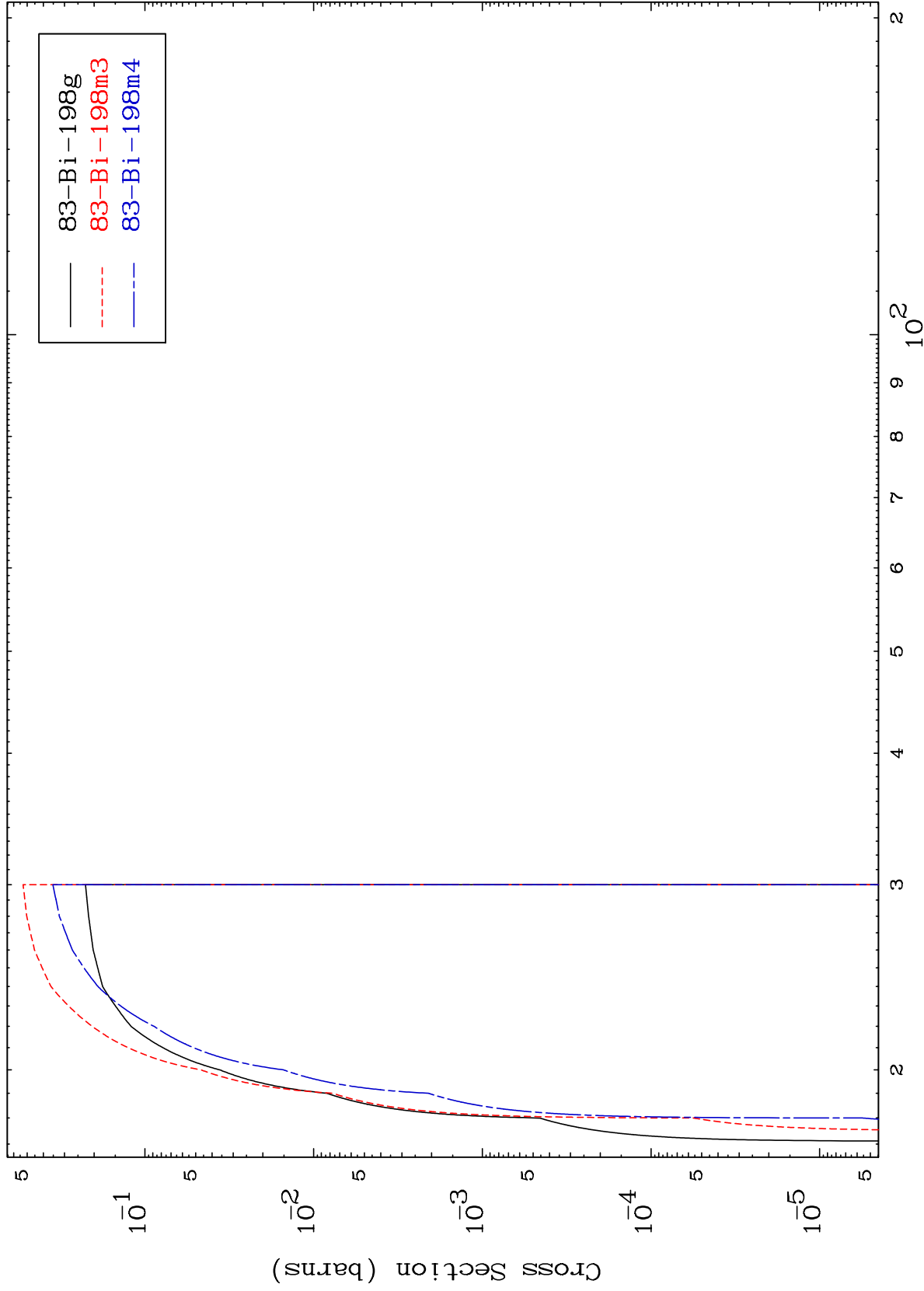


14

Incident Energy (MeV)

82-Pb-199

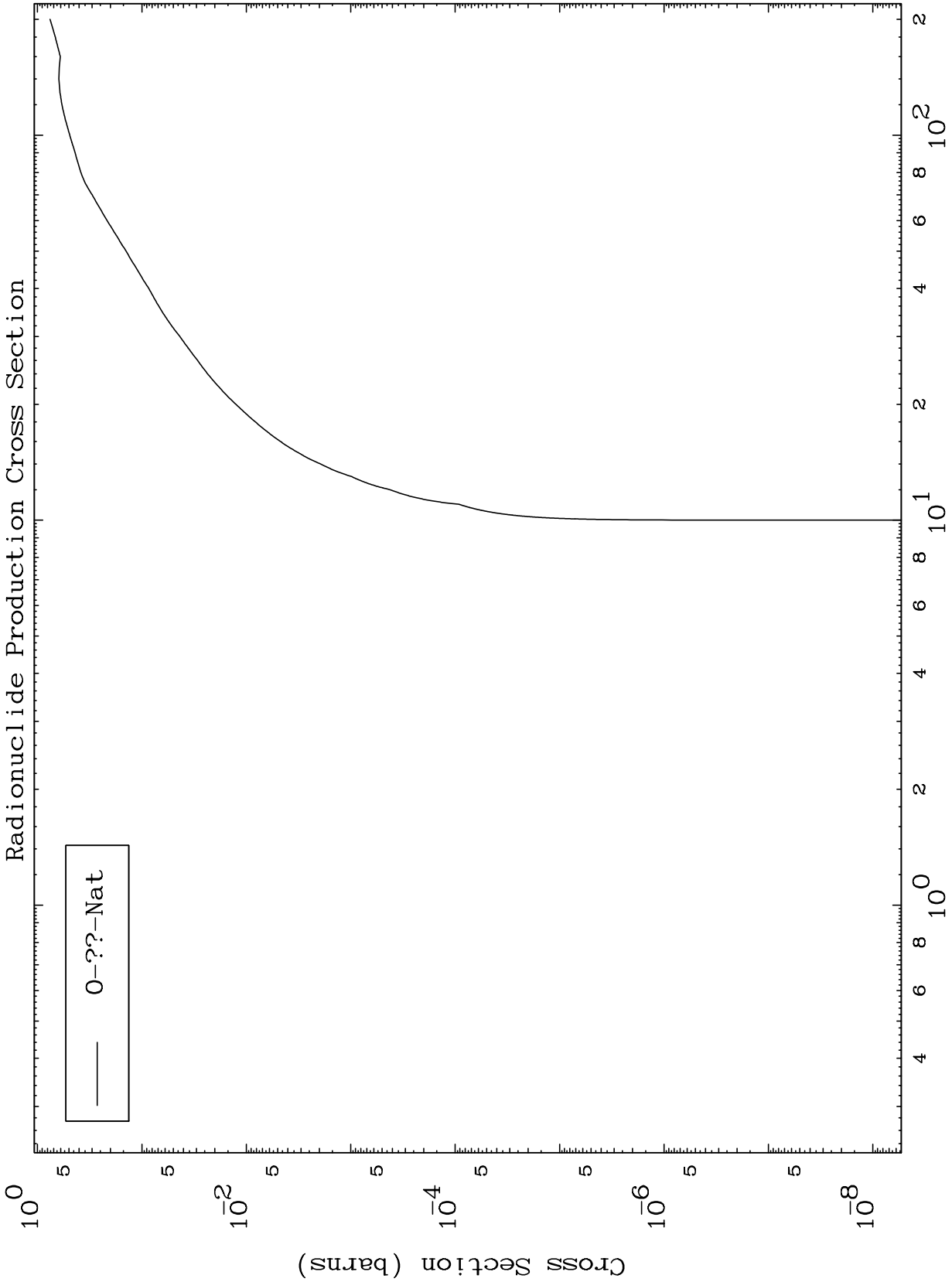
Radionuclide Production Cross Section



MAT 8210

Fission

82-Pb-199

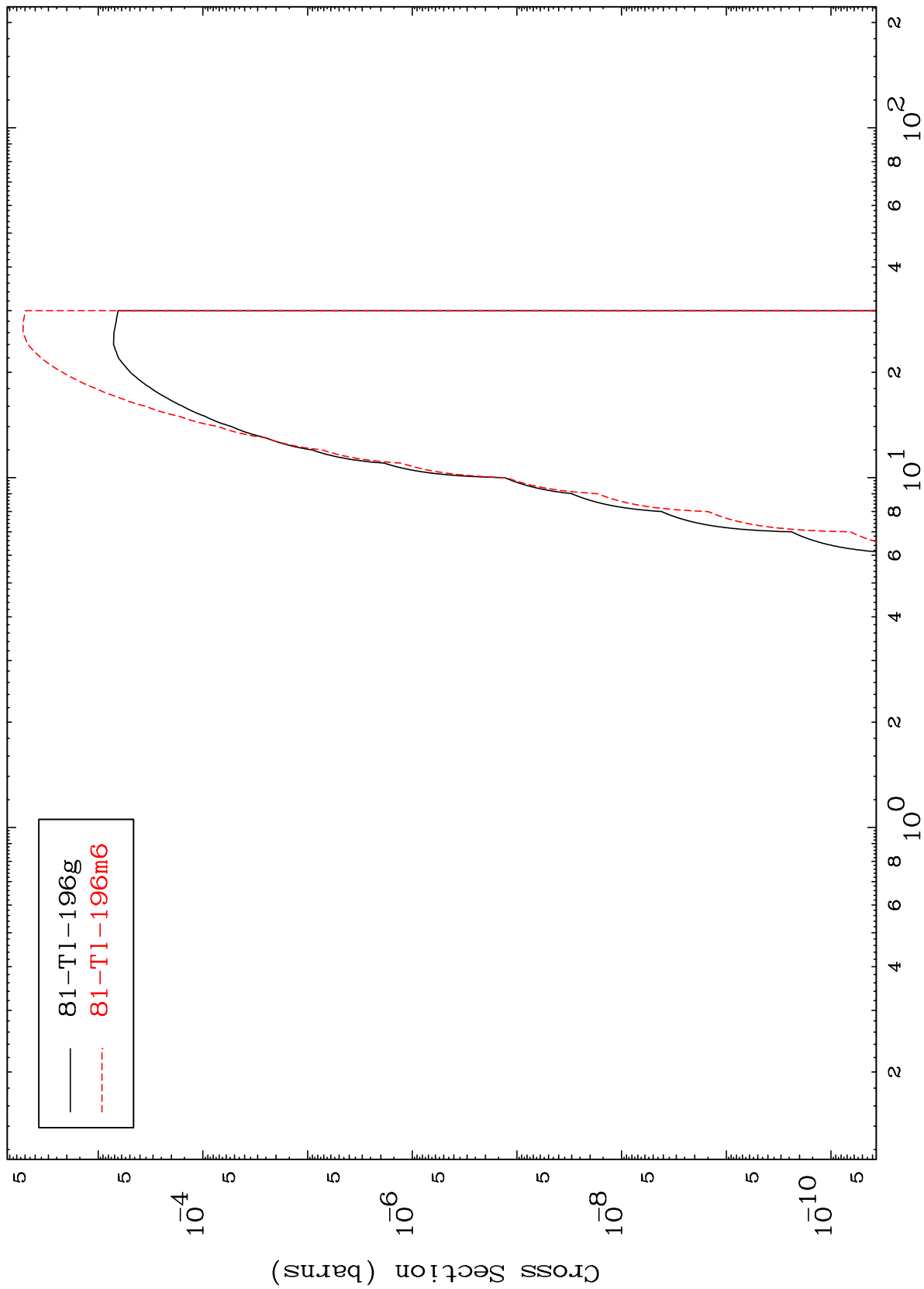


MAT 8210

$(n, n') \alpha$

82-Pb-199

Radionuclide Production Cross Section

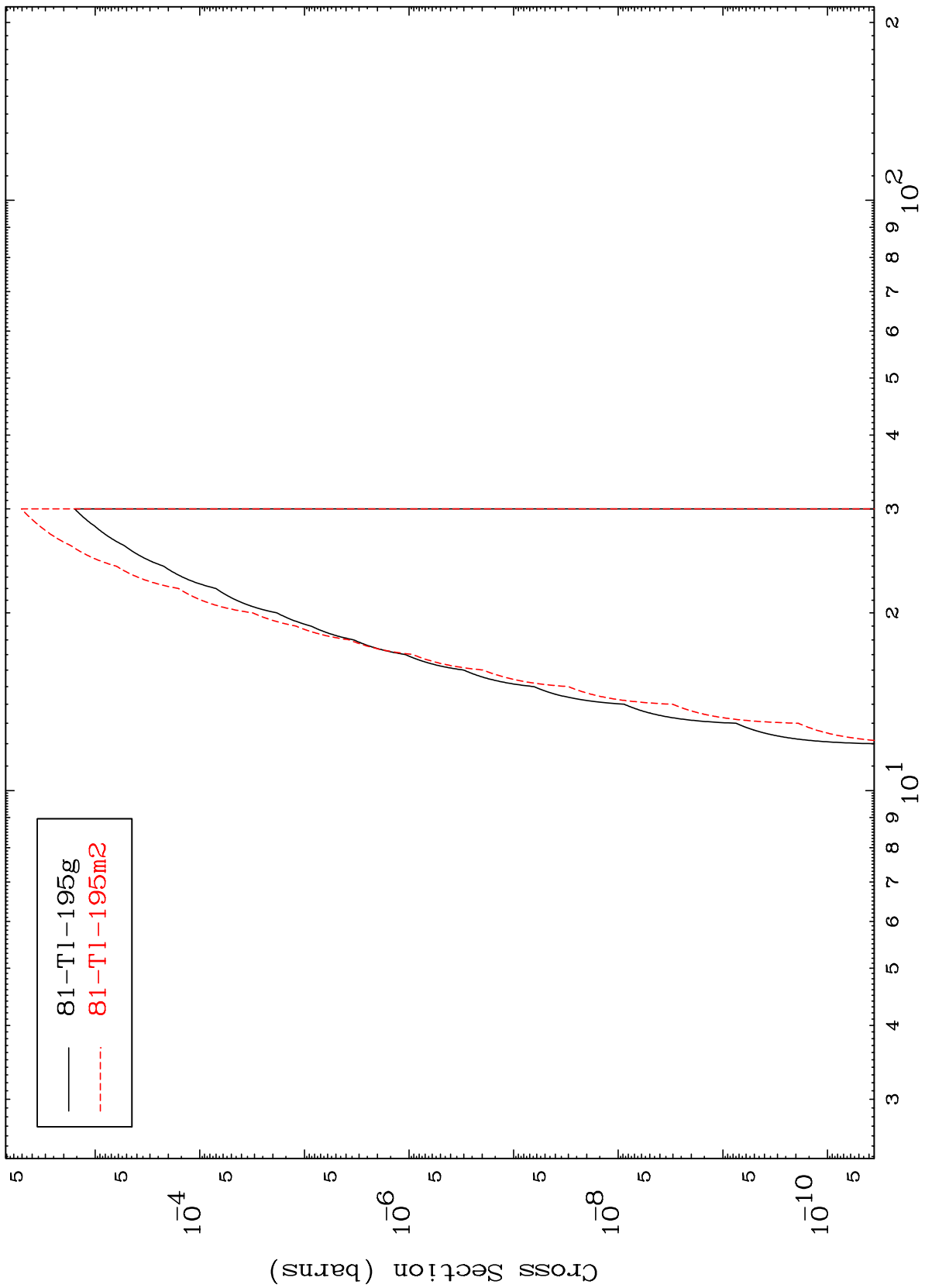


MAT 8210

(n,2n)  $\alpha$

82-Pb-199

Radionuclide Production Cross Section



18

Incident Energy (MeV)

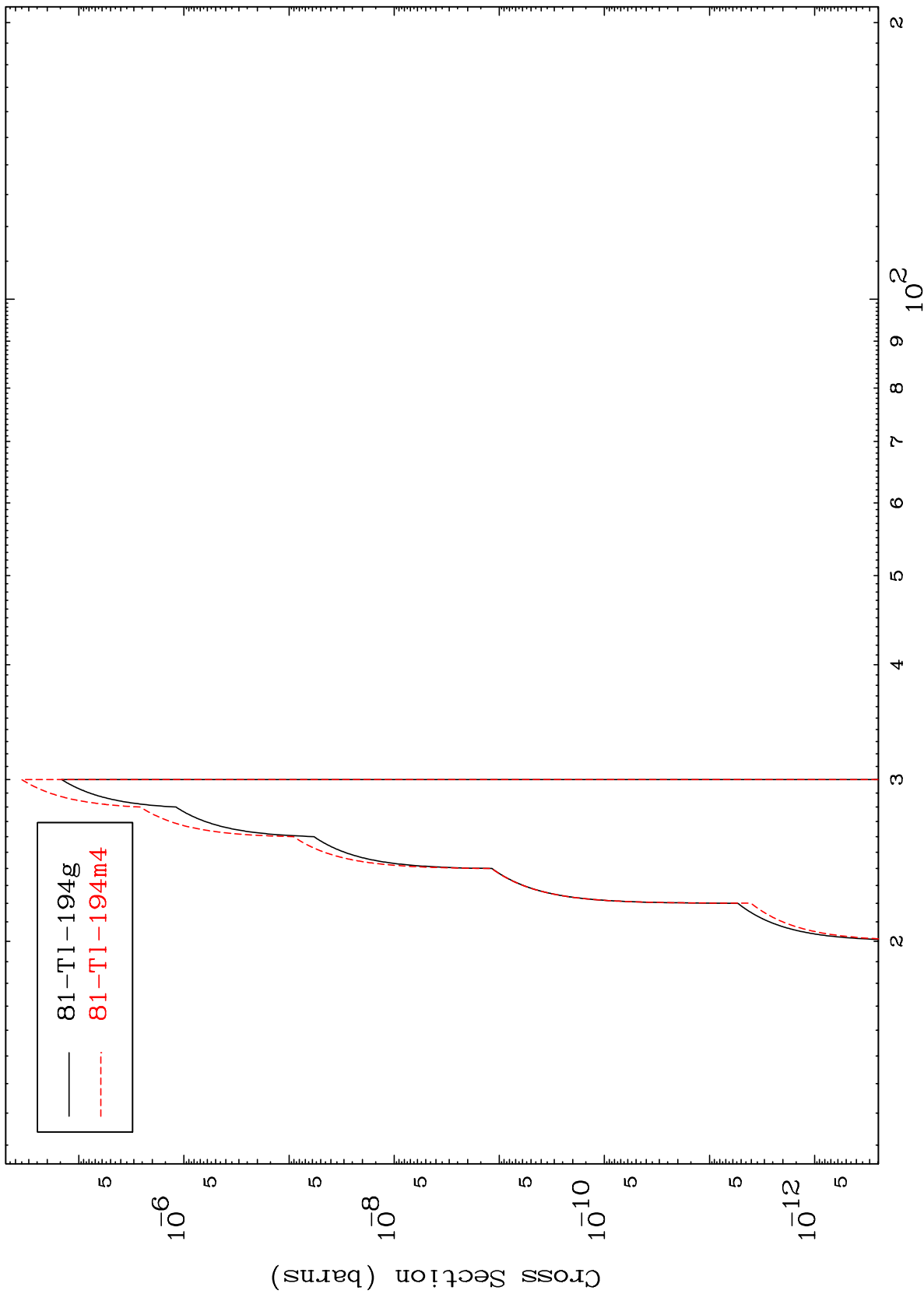
82-Pb-199

MAT 8210

(n,3n)  $\alpha$

82-Pb-199

Radionuclide Production Cross Section



19

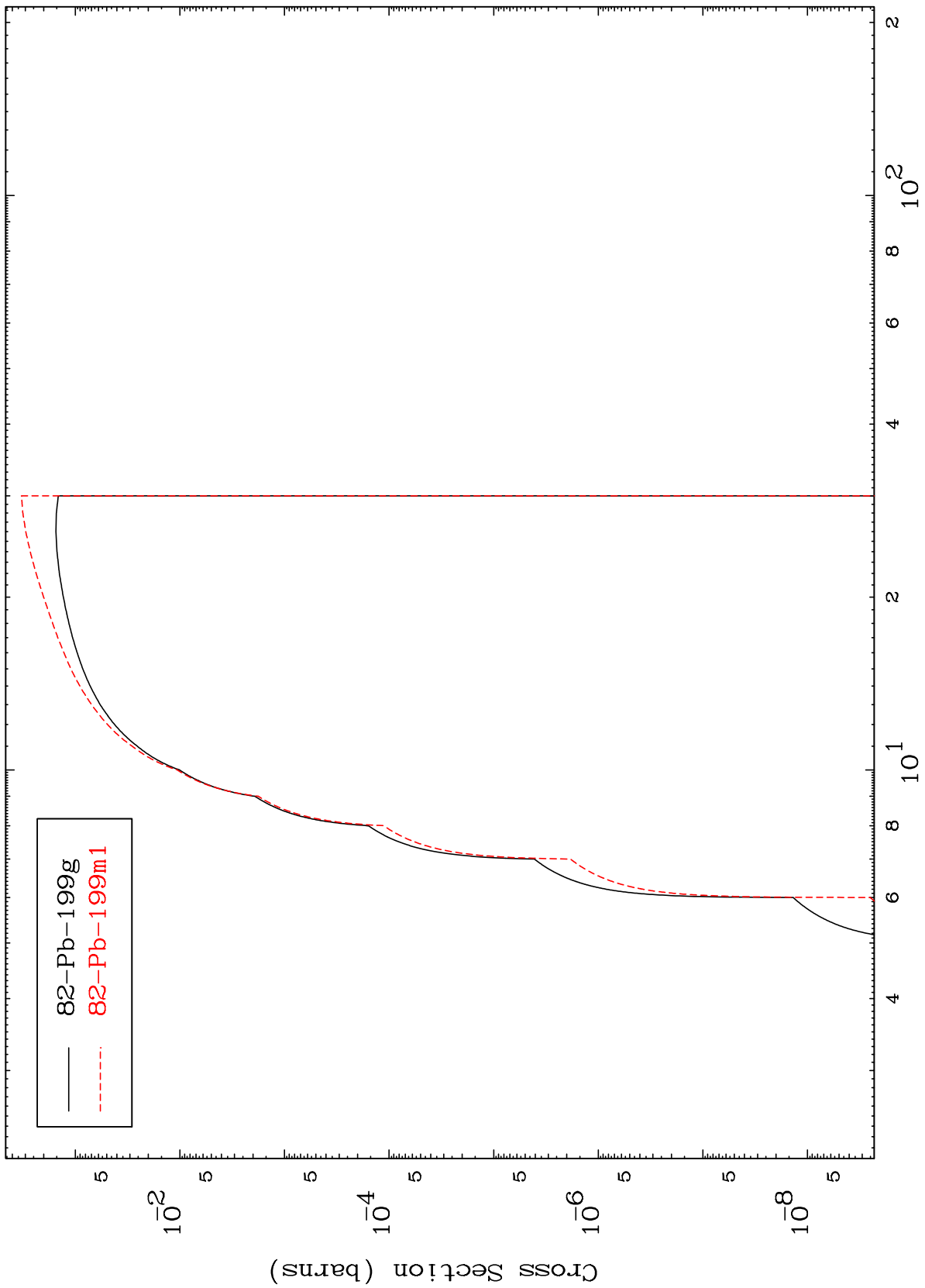
Incident Energy (MeV)

82-Pb-199

MAT 8210

82-Pb-199

(n,n') p  
Radionuclide Production Cross Section



20

82-Pb-199

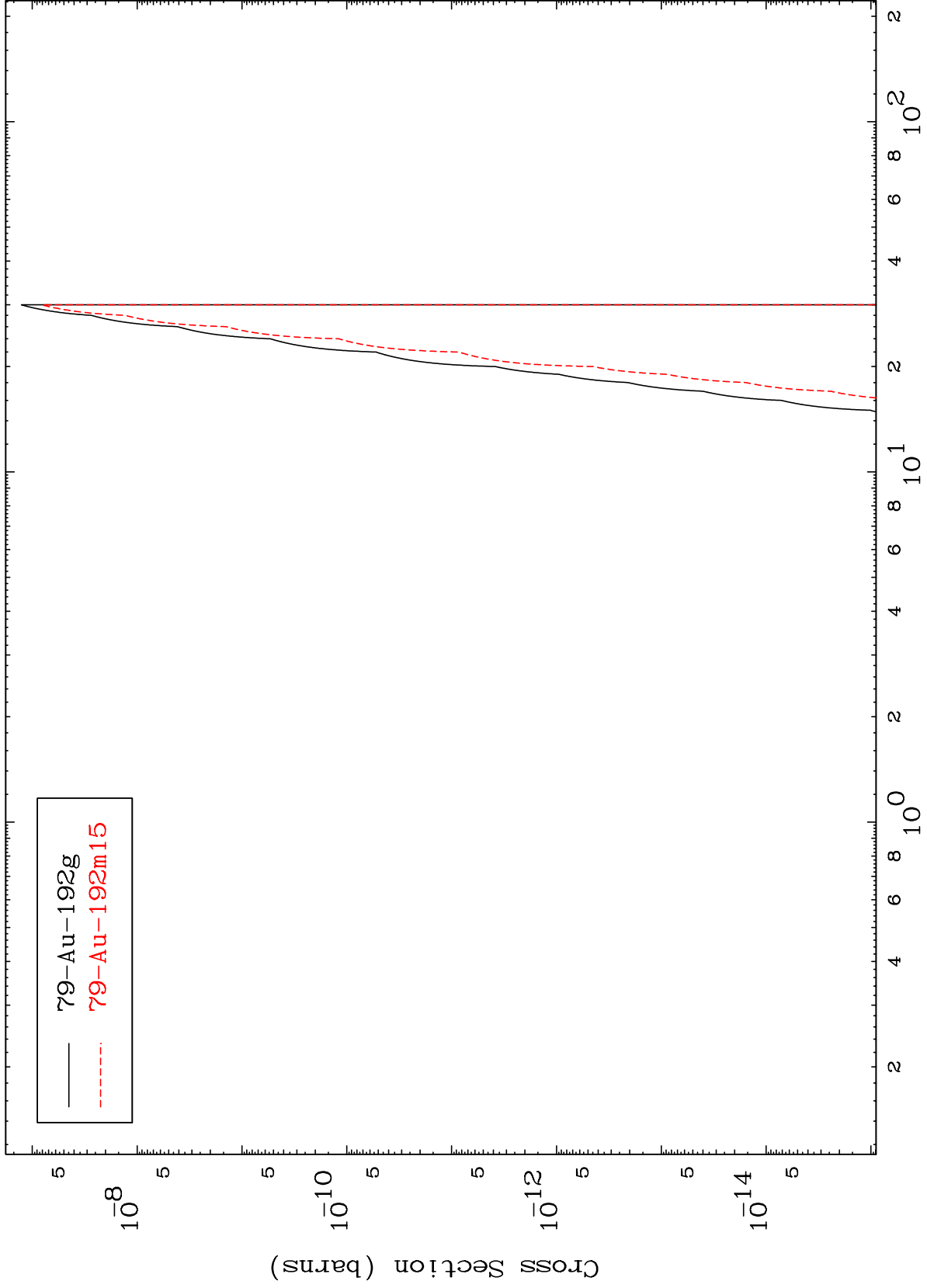
Incident Energy (MeV)

MAT 8210

(n,n') 2 $\alpha$

82-Pb-199

Radionuclide Production Cross Section



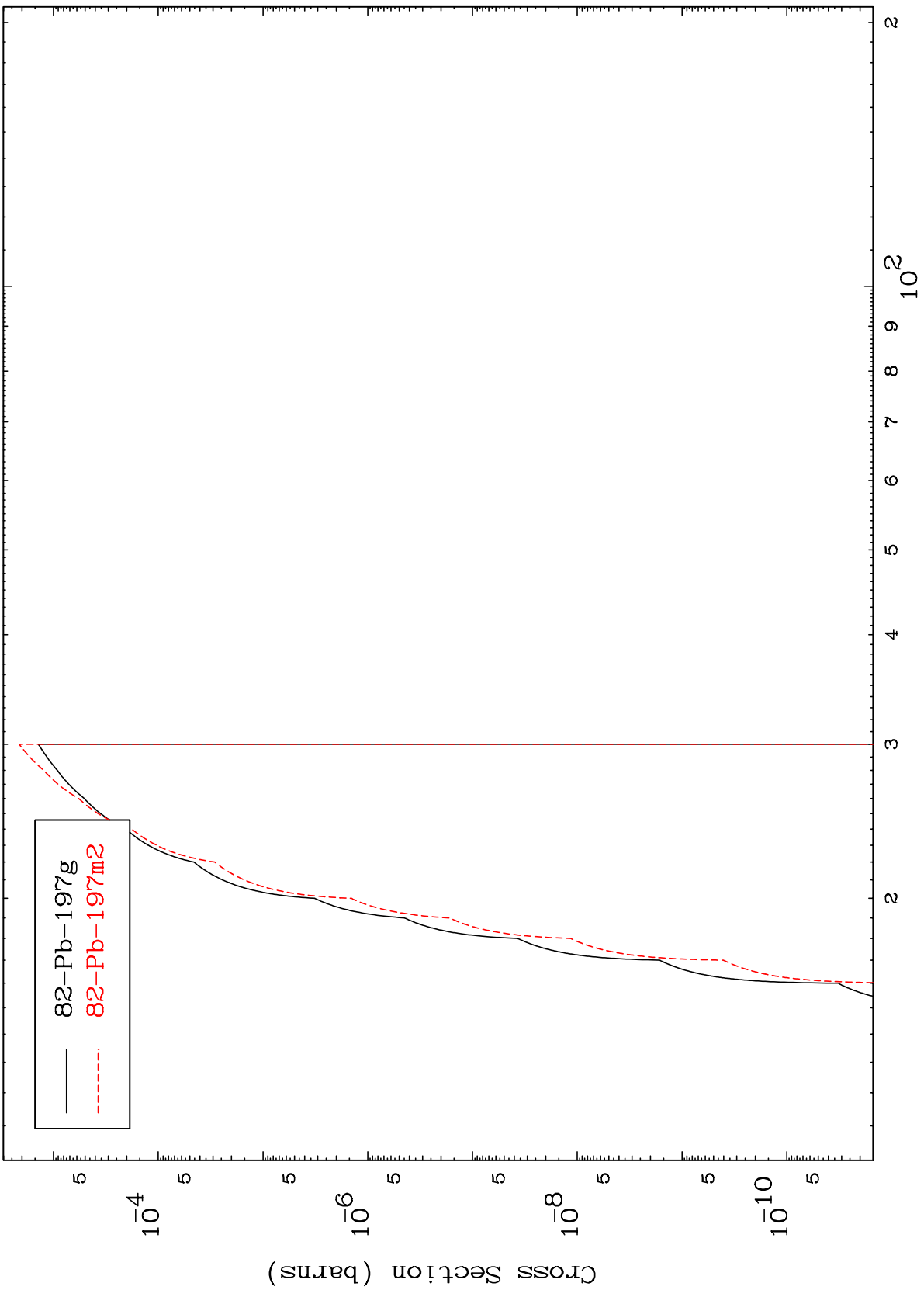
79-Au-192g  
79-Au-192m15

MAT 8210

(n,n') t

82-Pb-199

Radionuclide Production Cross Section

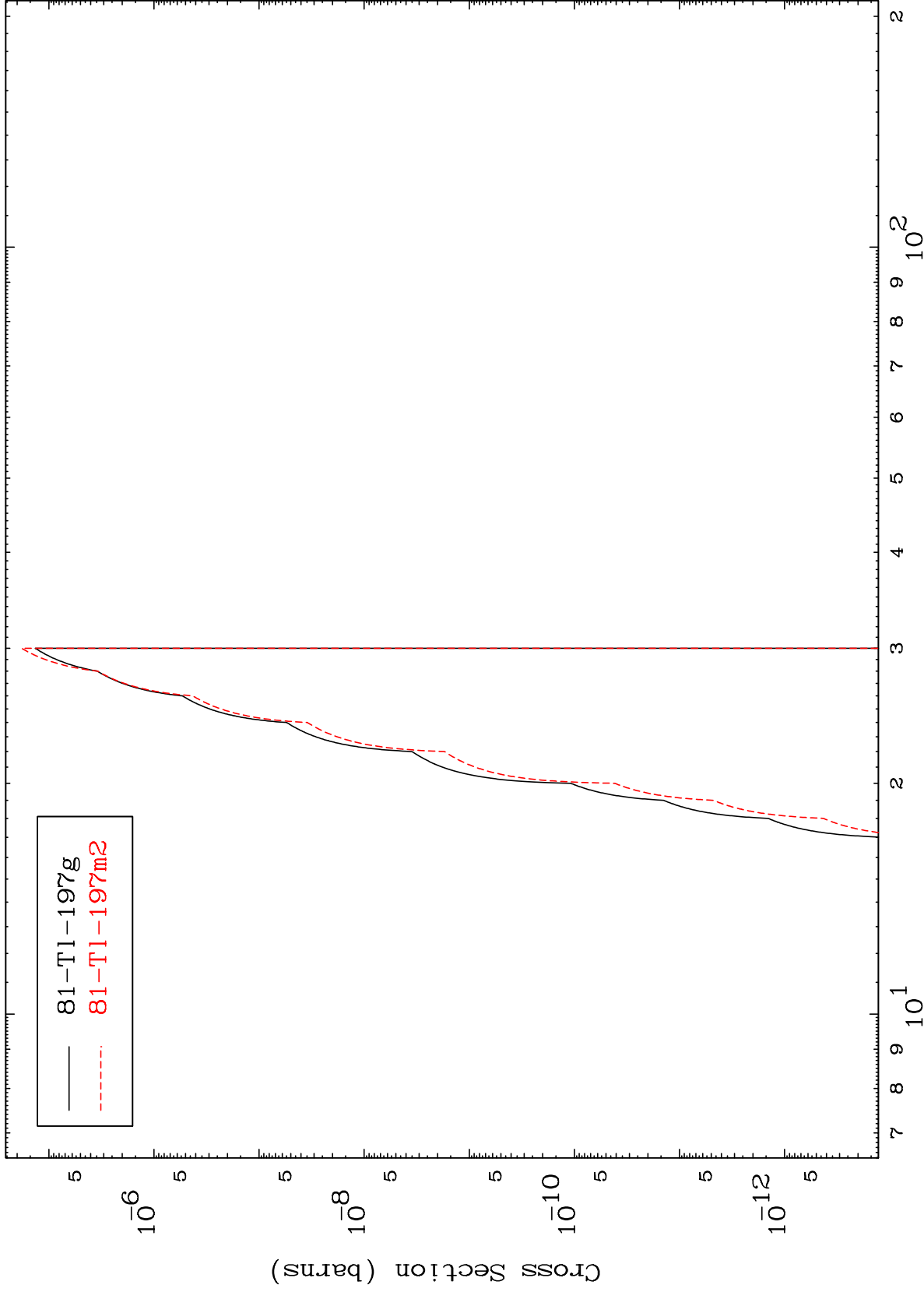


MAT 8210

(n,n') He-3

82-Pb-199

Radionuclide Production Cross Section



23

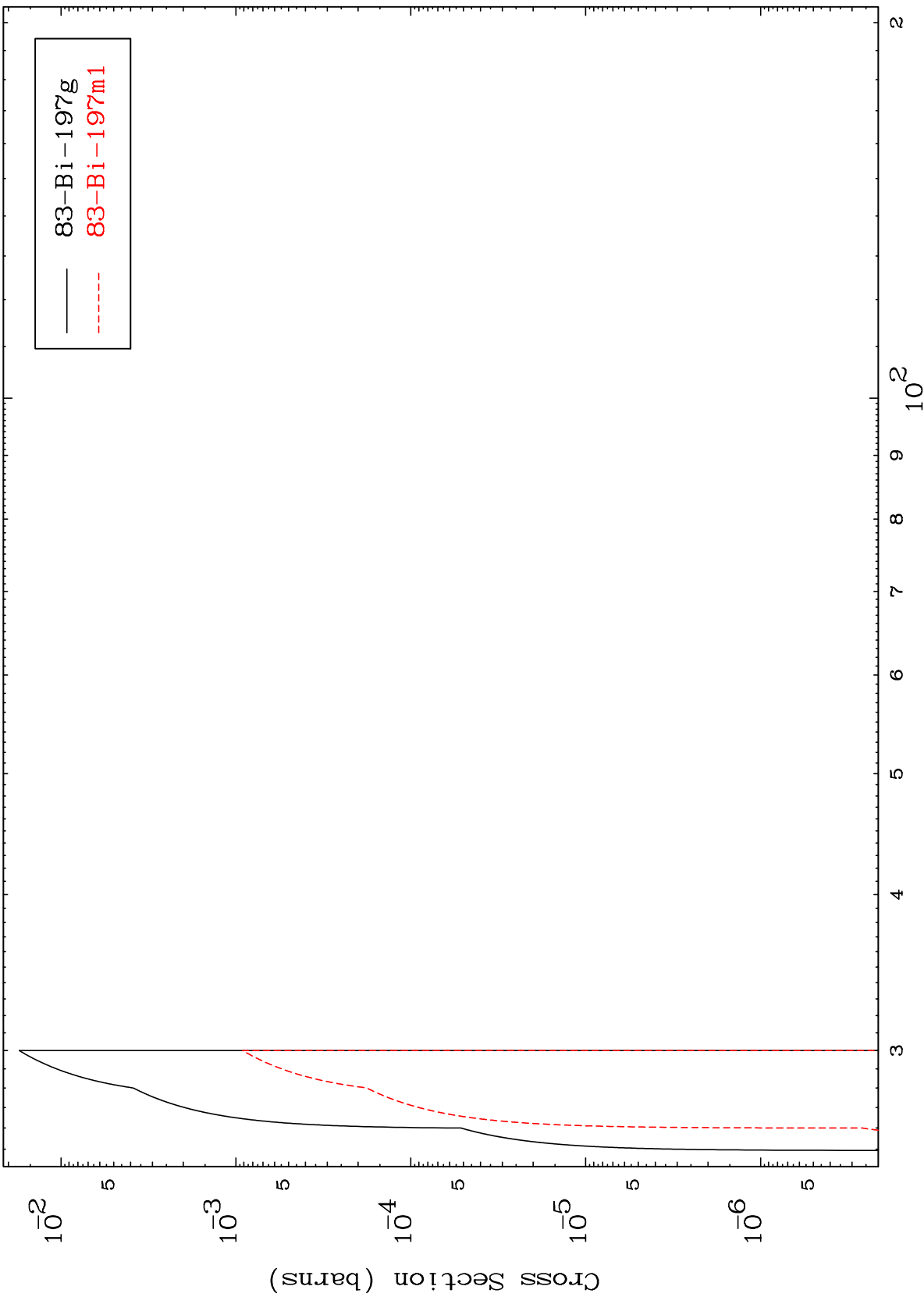
Incident Energy (MeV)

82-Pb-199

MAT 8210

82-Pb-199

(n,4n)  
Radionuclide Production Cross Section



83-Bi-197g  
83-Bi-197m1

24

82-Pb-199

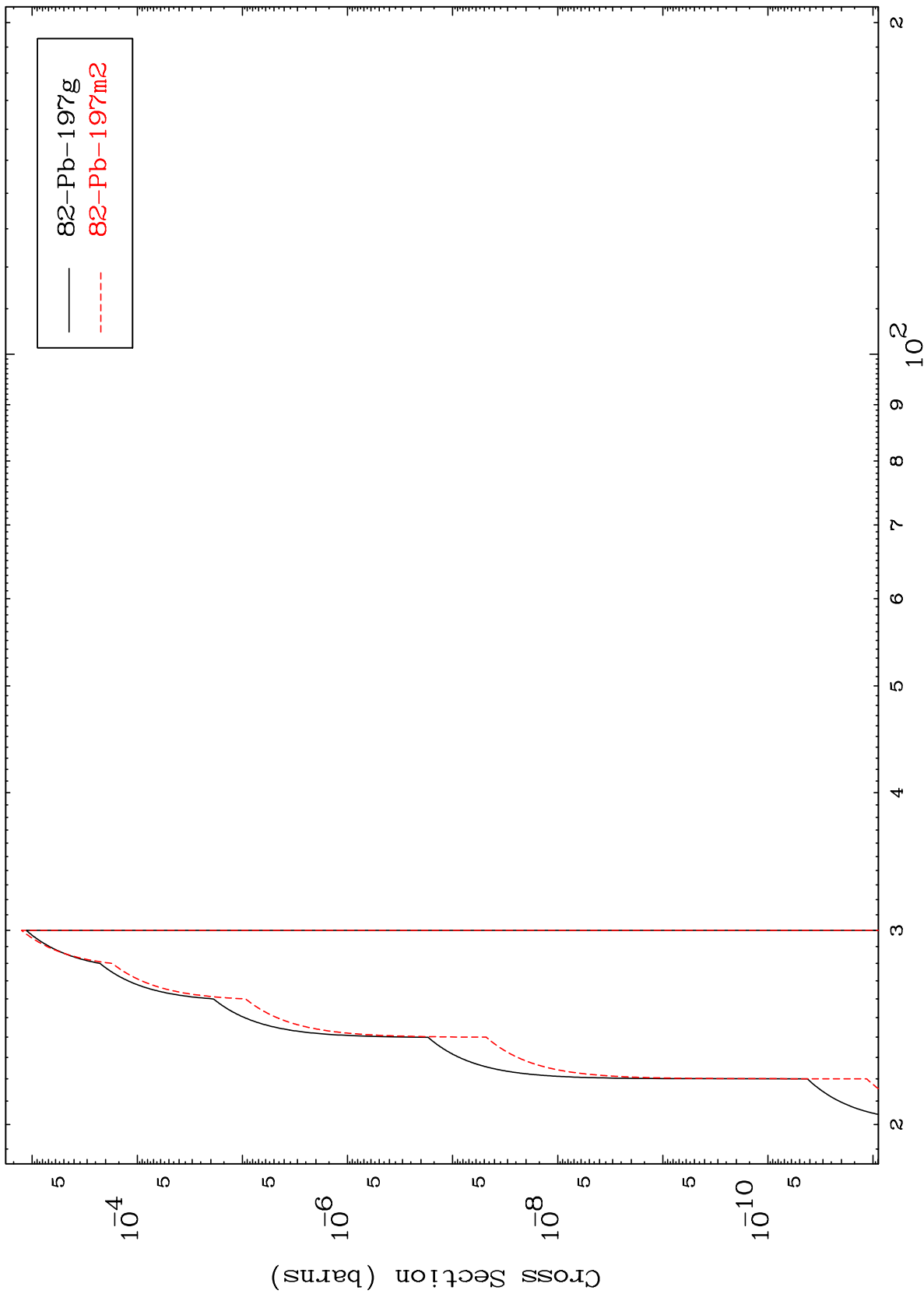
Incident Energy (MeV)

MAT 8210

(n,3n) p

82-Pb-199

Radionuclide Production Cross Section



25

Incident Energy (MeV)

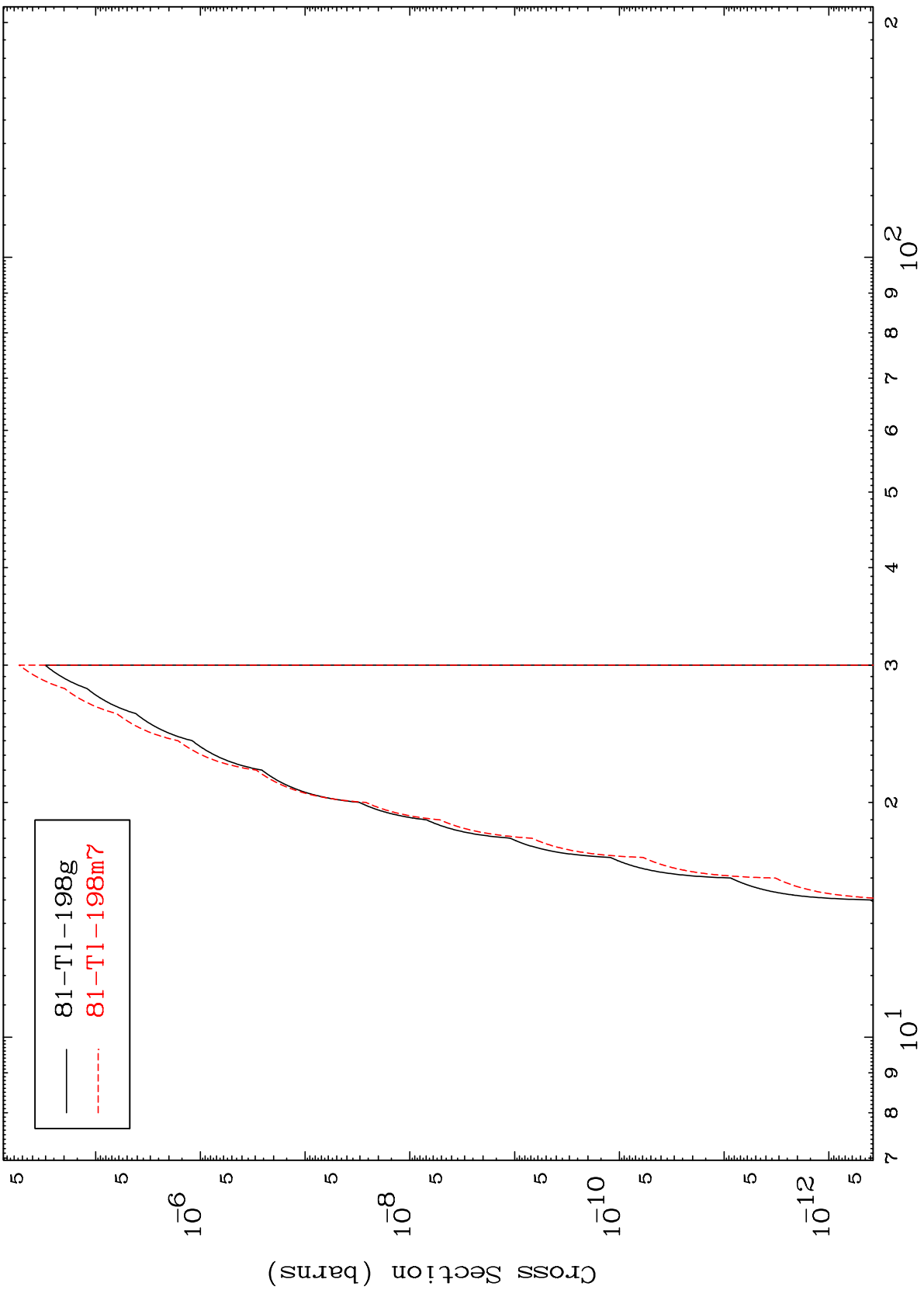
82-Pb-199

MAT 8210

(n,2n) p

82-Pb-199

Radionuclide Production Cross Section



81-Tl-198g  
81-Tl-198m7

26

Incident Energy (MeV)

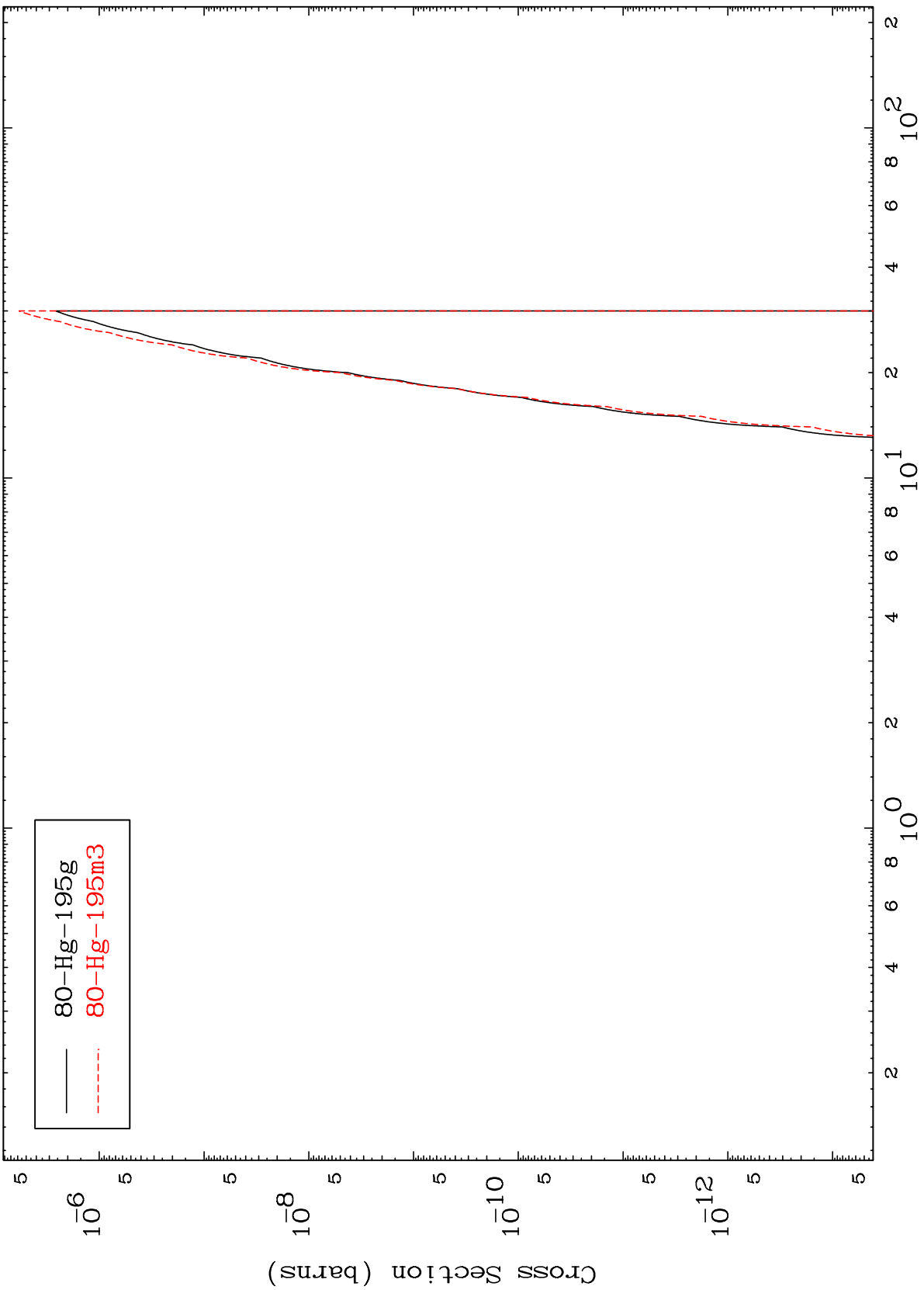
82-Pb-199

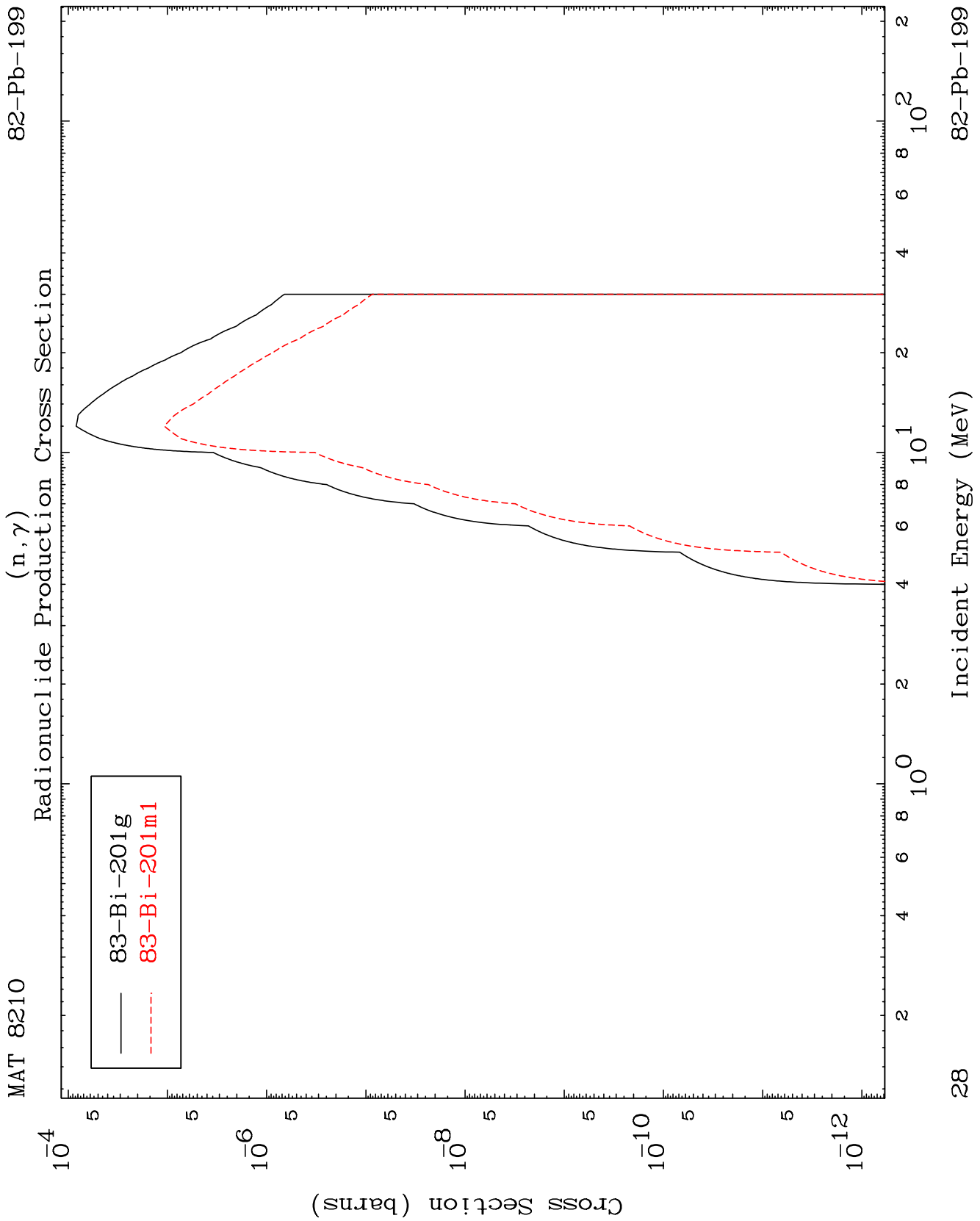
MAT 8210

(n,n') p  $\alpha$

82-Pb-199

Radionuclide Production Cross Section



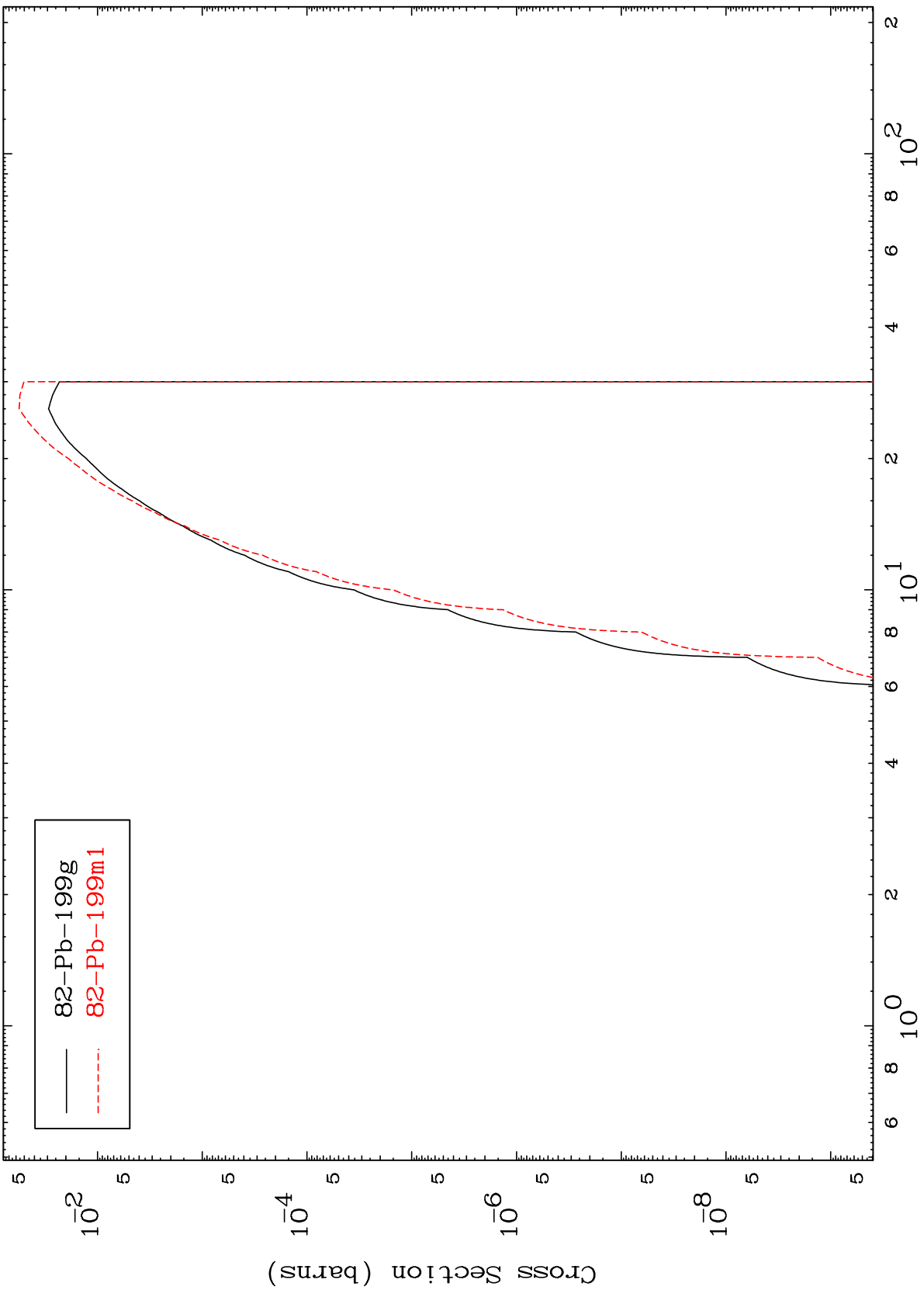


MAT 8210

(n,d)

82-Pb-199

Radionuclide Production Cross Section



82-Pb-199g  
82-Pb-199m1

29

Incident Energy (MeV)

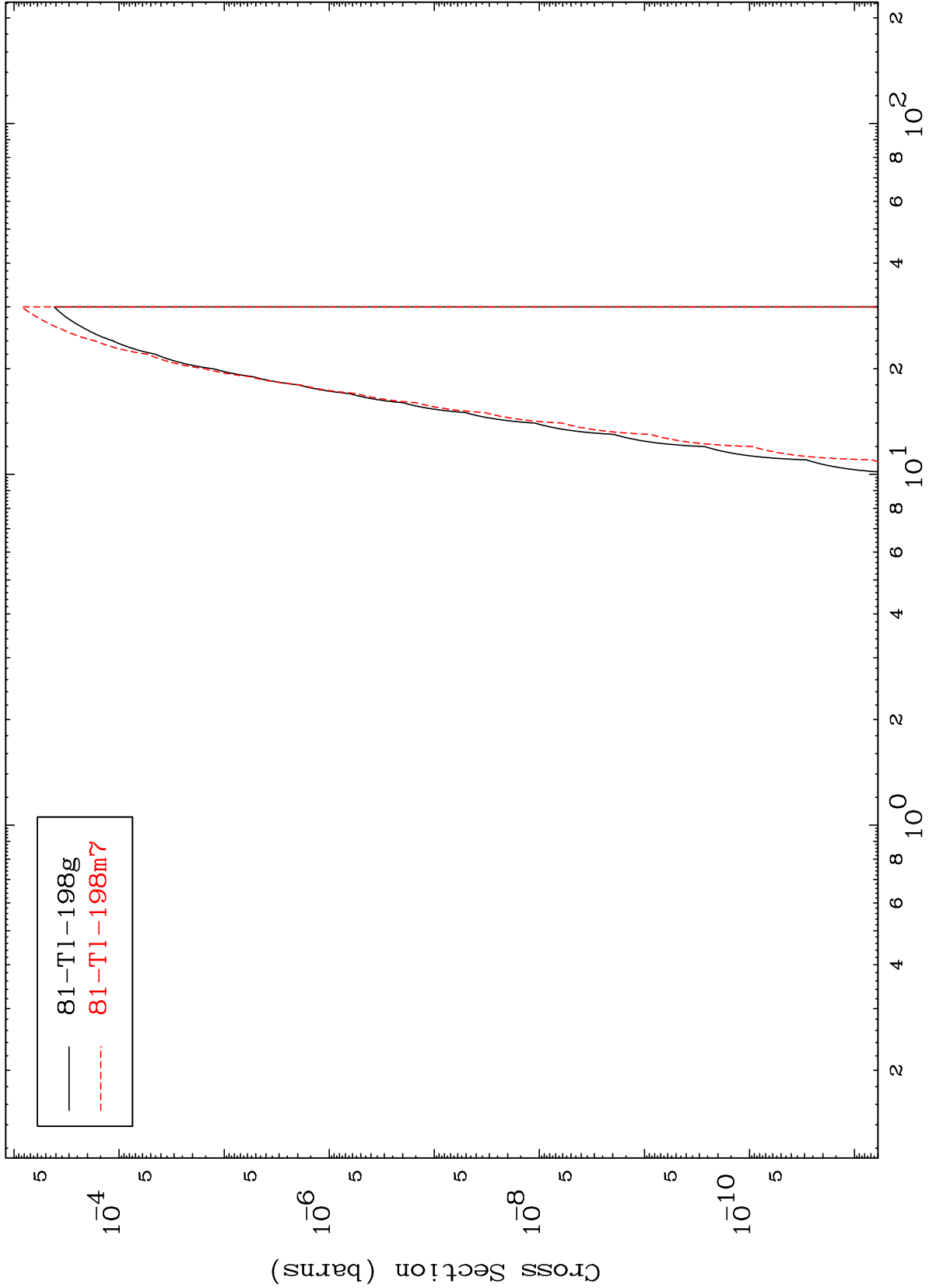
82-Pb-199

MAT 8210

(n,He-3)

82-Pb-199

Radionuclide Production Cross Section



30

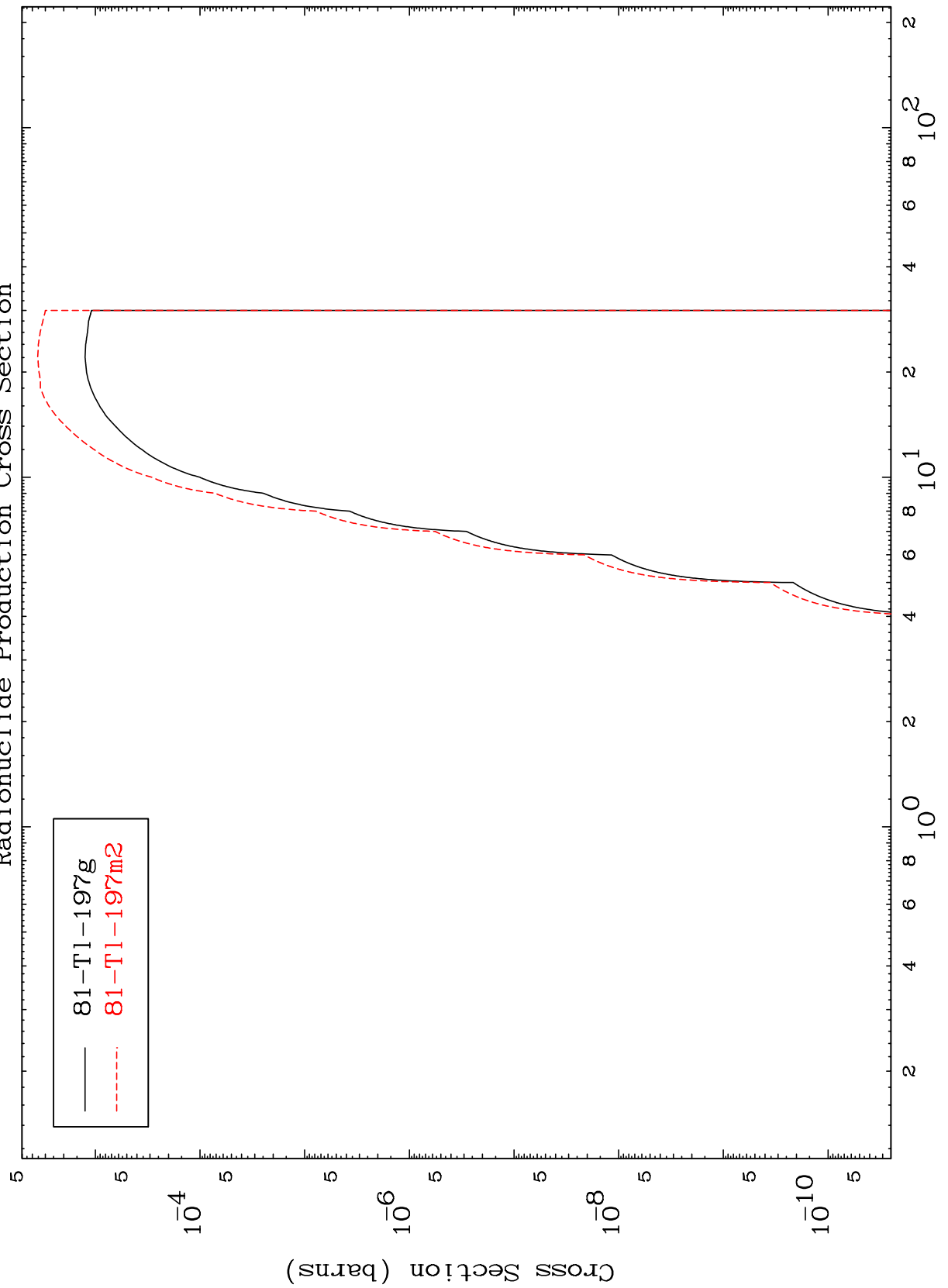
Incident Energy (MeV)

82-Pb-199

MAT 8210

82-Pb-199

Radionuclide Production Cross Section  
(n,  $\alpha$ )



82-Pb-199

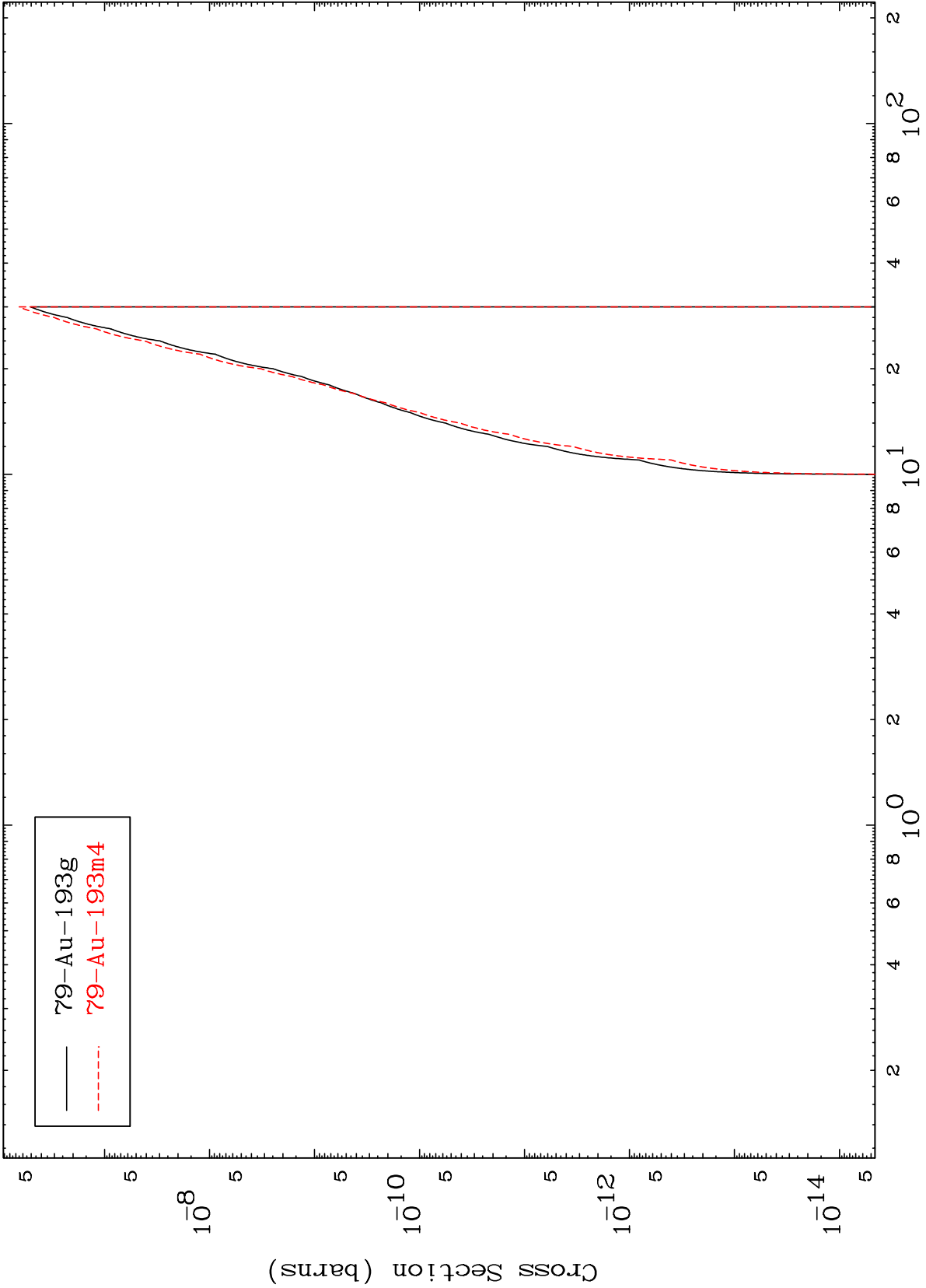
Incident Energy (MeV)

MAT 8210

(n,2α)

82-Pb-199

Radionuclide Production Cross Section



32

Incident Energy (MeV)

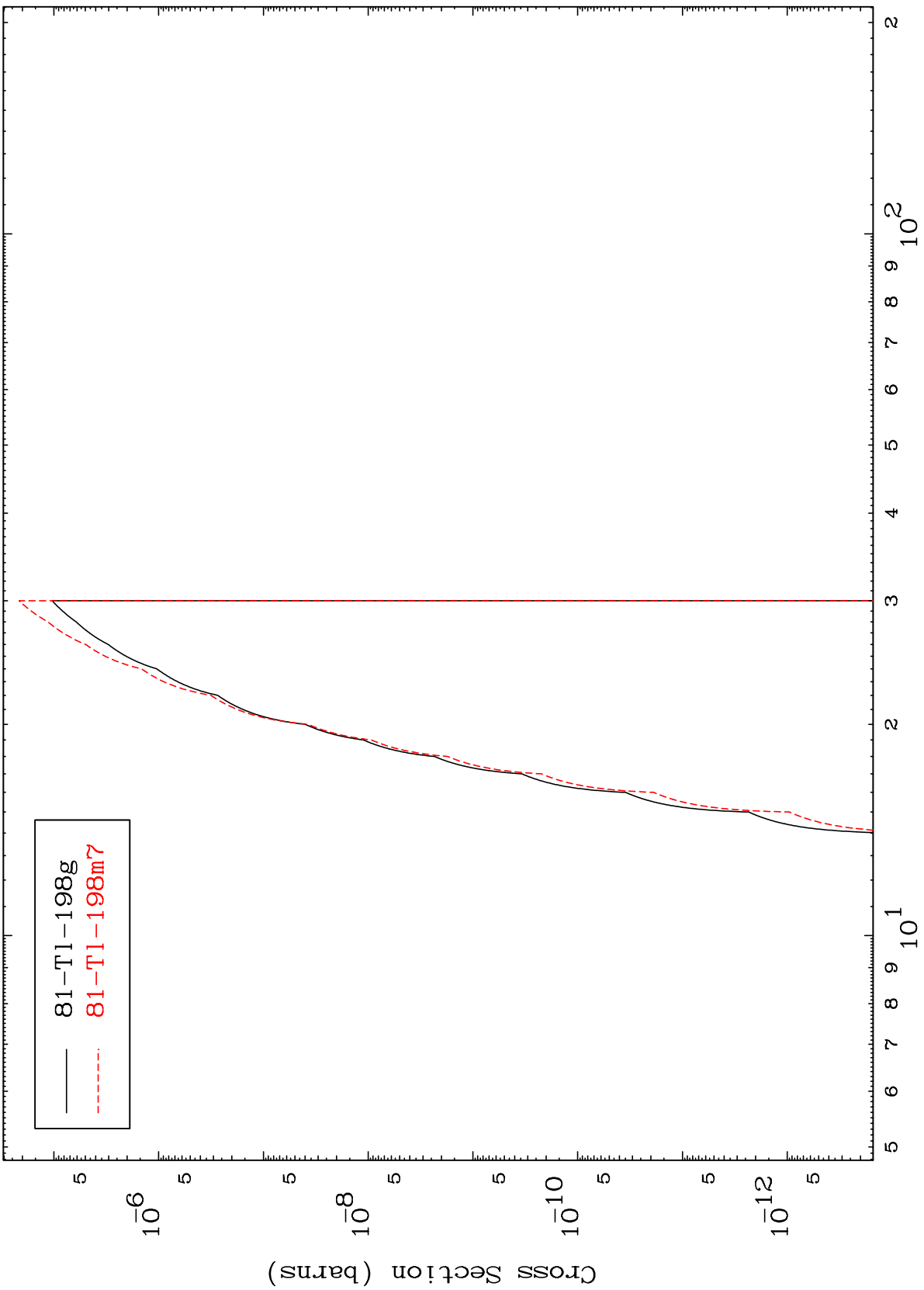
82-Pb-199

MAT 8210

(n,p) d

82-Pb-199

Radionuclide Production Cross Section



33

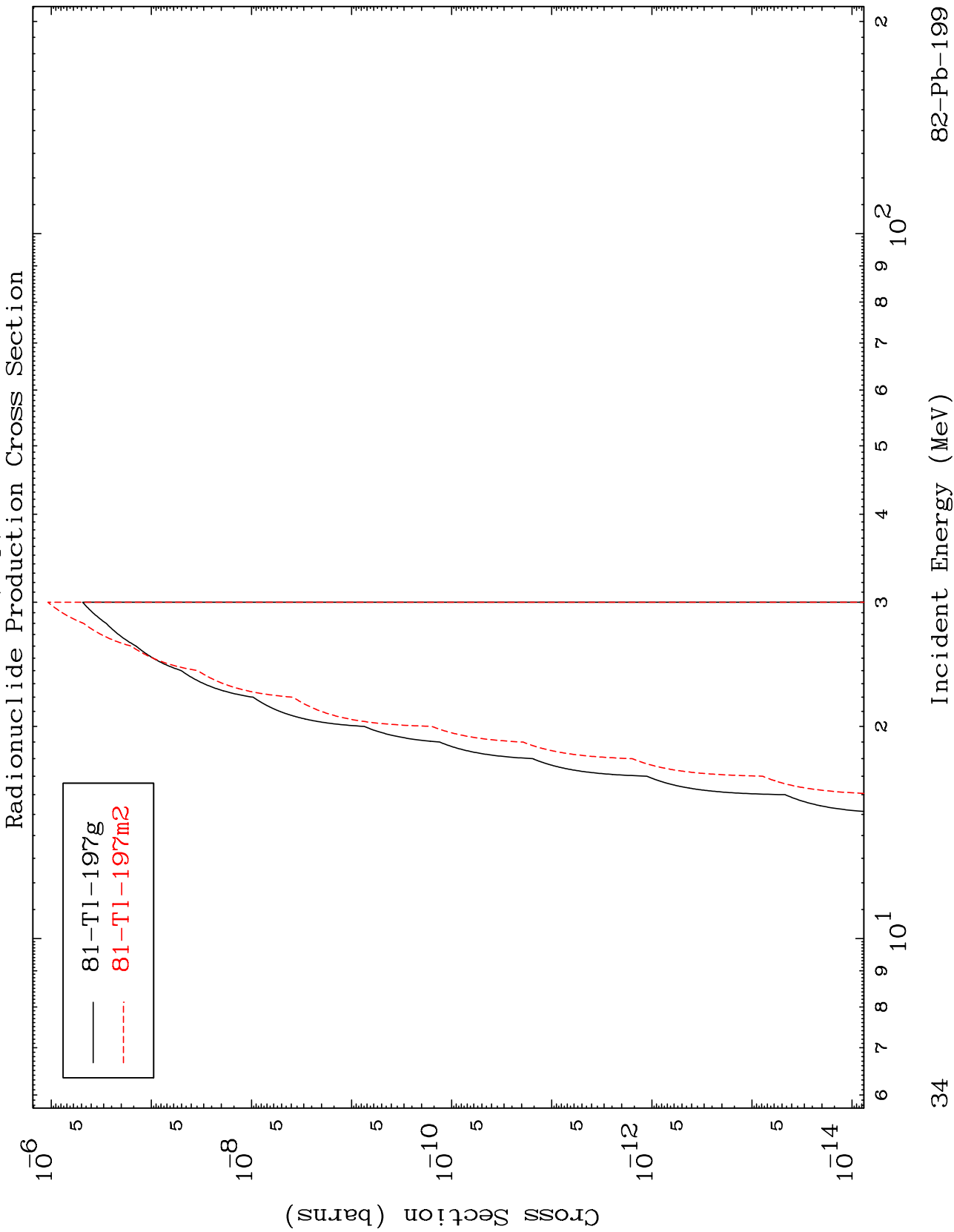
Incident Energy (MeV)

82-Pb-199

MAT 8210

(n,p) t

82-Pb-199



81-Tl-197g  
81-Tl-197m2

MAT 8210

(n,d)  $\alpha$

82-Pb-199

